



SCREWDRIVERS

384



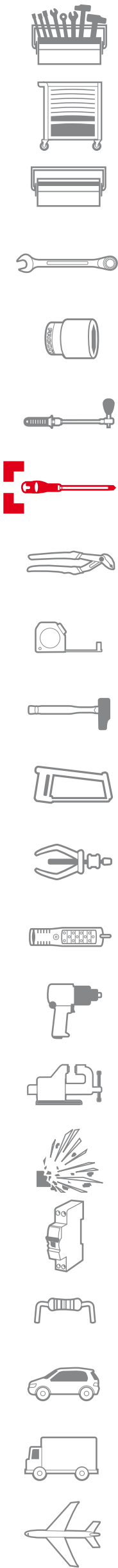
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Protwist®

SCREWDRIVERS HIGH PERFORMANCE

EXCELLENT TORQUE TRANSMISSION AND FAST SCREWING SPEED

Natural grip, excellent comfort.

- Efficient pre-tightening.
- Comfortable high torque action.
- Easier torque transfer.



Strong, comfortable grip and long-lasting performance

- Soft polyurethane zone, polyamide core for high resistance to:
 - Impact and stress.
 - Abrasion and chemical agents.



Five handle sizes to suit the tip size

- Small sizes have a long, thin body for a faster screwing action.
- Larger sizes have a wider gripping surface for a firmer hold and maximum torque transfer.



Silicon carbon steel blades

- Very strong.
- Excellent resistance to bending.

Black tip: no risk of flaking and guaranteed accuracy

- Retains the dimensional accuracy of the machined tip.
- No chromium deposits in the environment.
- No weakening due to hydrogen release during chromium plating.



SPECIFIC RANGES

- SHOCK range: for unmatched strength and outdoor use.



- INOX range: application for special fasteners.

- FLUO range: tool detection ensures enhanced safety.

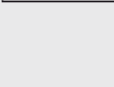


Protwist®

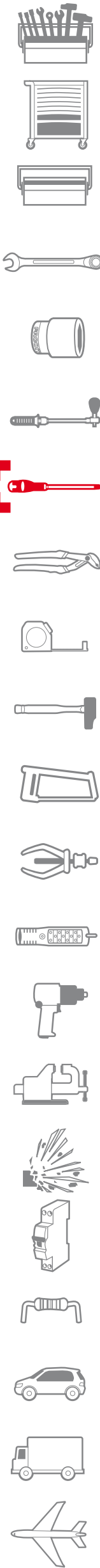
CHOOSING THE RIGHT
BLADE FOR YOUR NEEDS

THE PROTWIST® RANGE

- An ideal combination of blade types, tip patterns and materials to choose from
- Over 250 references to cover all your needs.

										
Short blade AN	Round blade, sand-blasted tip AS	Round blade, black tip AN	Hexagonal blade AW	Hexagonal blade with bolster AWH	1,000 V insulated blade A.VE	Hexagonal blade AWHH/AWSH	Stainless steel blade AXT	Impact blade	Fluo grip	
Awkward spaces	Frequent use	Intensive use	High torque	Added torquing power with a wrench	Live working	Hexagon socket heads	Stainless fasteners/ corrosive environment	Locked fasteners	Tool detection	
	4 to 6.5 mm x 4	2.5 to 10 mm x 11	2 to 10 mm x 30	4 to 12 mm x 10	5.5 to 14 mm x 8	2 to 12 mm x 18		4 to 8 mm x 4	4 to 14 mm x 7	2.5 to 10 mm x 11
	1-2 x 3	0 to 3 x 4	0 to 4 x 10	1 to 4 x 4	1 to 4 x 4	0 to 4 x 5		1 to 2 x 2	1.2 to 3 x 3	0-1-2-3 x 4
	1-2 x 3	0 to 3 x 4	0 to 4 x 9	1 to 4 x 4	1 to 4 x 4	0 to 3 x 4		1 to 2 x 2	1.2 to 3 x 3	
		10 to 30 x 5	6 to 40 x 12					10 to 40 x 6		
			10 to 40 x 7							
			5 to 40 x 12							
			10 to 40 x 7							
			1 to 3 x 3							
										
						1 to 2 x 4				
										
							2 to 8 mm x 14			3-4-5 x 3

Colour coding for immediate identification of all Protwist® screwdrivers.



PROTWIST® screwdrivers sets and modules

Protwist® screwdrivers sets



	Content set	Quantity	ΔΔ [g]
AND.J5	AND0X75 - AND1X100 - AND2X125 - AND3X150 - AND4X200	5	750
ANP.J5	ANP0X75 - ANP1X100 - ANP2X125 - ANP3X150 - ANP4X200	5	750
ANX.J6	ANX10X75 - ANX15X75 - ANX20X100 - ANX25X100 - ANX30X125 - ANX40X150	6	680
ANXP.J6	ANXP10X75 - ANXP15X75 - ANXP20X100 - ANXP25X100 - ANXP30X125 - ANXP40X150	6	680
ANXR.J5	ANXR10X75 - ANXR15X75 - ANXR20X100 - ANXR25X100 - ANXR30X125	5	510
ANXRP.J5	ANXRP10X75 - ANXRP15X75 - ANXRP20X100 - ANXRP25X100 - ANXRP30X125	5	450
ANP.J6	AN3,5X75 - AN4X100 - AN5,5X150 - AN6,5X150 - ANP1X100 - ANP2X125	6	590
AND.J6	AN3,5X75 - AN4X100 - AN5,5X150 - AN6,5X150 - AND1X100 - AND2X125	6	600
AN.J10	AN3,5X75 - AN4X100 - AN5,5X150 - ANF6,5X150 - AW8X150 - AW10X200 - ANP1X100 - ANP2X125 - AND1X100 - AND2X125	10	1190
AWP.J6	AW4X100 - AW5,5X150 - AW6,5X150 - AW8X200 - AWP1X100 - AWP2X125	6	720
AWD.J6	AW4X100 - AW5,5X150 - AW6,5X150 - AW8X200 - AWD1X100 - AWD2X125	6	720
ANWH.J13	AN3,5X75 - AN4X100 - AN5,5X100 - AW6,5X150 - AWH8X150 - AWH10X200 - AN4X25 - AN6,5X35 - ANP1X100 - ANP2X125 - ANP2X35 - AND1X100 - AND2X125	13	1400

CKS.08 Screwdriver rack



- Easy use and save time.
 - No specific place, screwdrivers can be stored in any slot.
 - No damage to the tools, risk-free contact due to design of the polypropylene rack.
 - Broad range coverage.
 - Dimensions (L. x W. x D.): 238 x 38 x 50 mm.
- Weight: 40 g

Thermo-formed Protwist® screwdriver module



- Tool storage organised in the drawers.
- Thermo-formed pressed polystyrene module.

	Tray	Content set	Quantity
MOD.A1	PL.325	AN3X75 - AN3,5X100 - AN4X100 - AN5,5X125 - AWH6,5X150 - AWH8X175 - ANP1X100 - ANP2X125	8
MOD.A2	PL.631	AN2X75 - AN2,5X75 - AWDH3X150 - ANP0X75 - AND0X75 - AND1X100 - AND2X125	8
MOD.A7	PL.325	AN3,5X75 - AN4X100 - AN5,5X150 - AN6,5X150 - AWH8X175 - AND1X100 - AND2X125	8
MOD.A3	PL.326	AN4X25 - AN5,5X35 - ANP0X75 - ANP1X25 - AND0X75 - AND1X100 - AND2X125 - AND2X35	8
MOD.A4	PL.676	ANX2,5X75 - AN3,5X75 - AN4X35 - AN4X100 - AN4X300 - AN5,5X35 - AN6,5X100 - AN8X175	9
MOD.A5	PL.677	AND1X100 - AND2X125 - AND2X35 - ANP0X75 - ANP1X25 - ANP1X100 - ANP2X35 - ANP2X125 - ANP2X250 - ANP3X150	10
MOD.A6	PL.678	AEX6X35 - AEX7X35 - AEX8X75 - ANXR10X75 - ANXR15X75 - ANXR30X125 - ANXR40X150 - ANXR20X100 - ANXR25X100 - ANXR27X100	10
MOD.ANX	PL.327	ANX10X75 - ANX15X75 - ANX20X100 - ANX25X100 - ANX27X100 - ANX30X125 - ANX40X150	7
MOD.ANXR	PL.327	ANXR10X75 - ANXR15X75 - ANXR20X100 - ANXR25X100 - ANXR27X100 - ANXR30X125 - ANXR40X150	7

Foam Protwist® screwdriver module

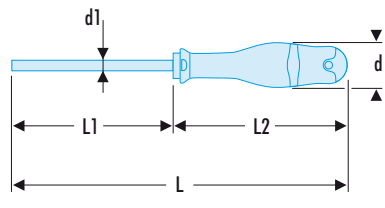


- Tool storage organised in the drawers = productivity, comfort and safety.
- Dual colour high density foam:
 - Instant tool availability check.
 - Resistant to crushing, hydrocarbons, hydraulic fluids and detergents.
- Easy grip thanks to finger holes.
- Optimised tool holding during transport.

	Tray	Content set	Quantity
MODM.A1	PM.MODA1	AN3,5X75 - AN3,5X100 - AN4X100 - AN5,5X100 - AWH6,5X150 - AWH8X175 - ANP1X100 - ANP2X125	8
MODM.A2	PM.MODA2	AN2X75 - AN2,5X75 - ANPOX75 - AWP3X50 - AND1X100 - AND2X125 - AND3X150	8
MODM.A3	PM.MODA3	AN4X25 - AN5,5X35 - ANPOX75 - ANP1X25 - ANDOX75 - AND1X100 - AND2X125 - AND2X35	9
MODM.A4	PM.MODA4	AN2,5X75 - AN3,5X75 - AN4X35 - AN4X100 - AN4X300 - AN5,5X35 - AN5,5X100 - AWH6,5X150 - AWH8X175	9
MODM.A5	PM.MODA5	ANPOX75 - ANP1X25 - ANP1X100 - ANP2X35 - ANP2X125 - ANP2X250 - ANP3X150 - AND1X100 - AND2X125 - AND2X35	10
MODM.A6	PM.MODA6	AEX6X35 - AEX7X35 - AEX8X75 - ANXR10X75 - ANXR15X75 - ANXR30X125 - ANXR40X150 - ANXR20X100 - ANXR25X100 - ANXR27X100	10
MODM.ANXR	PM.MODANXR	ANX10X75 - ANX15X75 - ANX20X100 - ANX25X100 - ANX27X100 - ANX30X125 - ANX40X150	7

PROTWIST® screwdrivers for slotted head screws

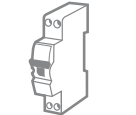
AN - PROTWIST® screwdrivers for slotted head screws - milled blades



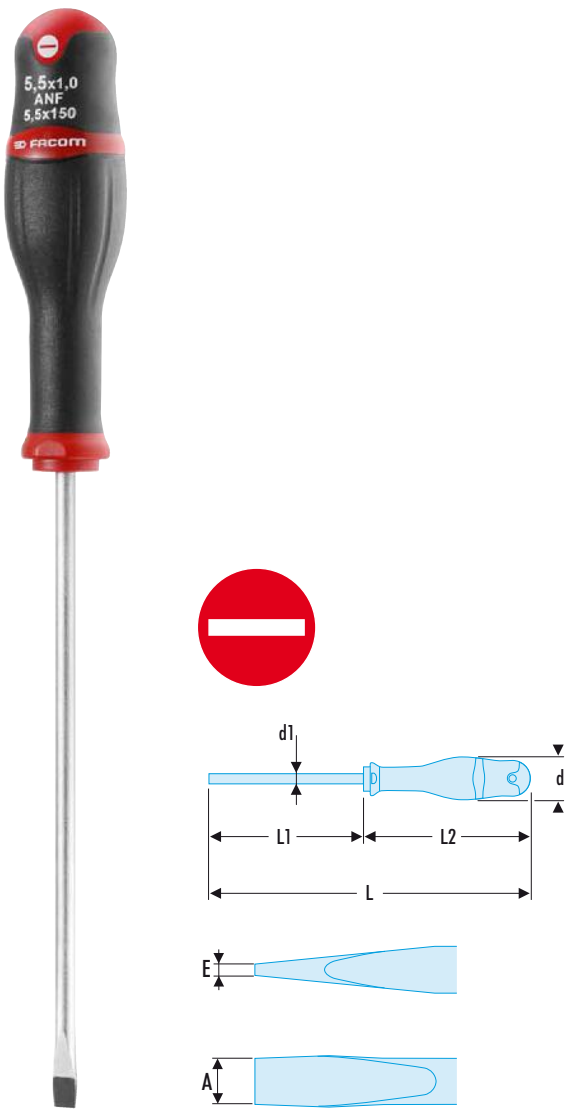
NF ISO 2380-1, NF ISO 2380-2, ISO 2380-1, ISO 2380-2, DIN ISO 2380-1, DIN ISO 2380-2, ASME B107.600

- Round shank for access in wells.
- Extra-long shank up to 300 mm for difficult and remote access.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: black tipped mat chromed blade.

	A [mm]	E [mm]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
AN2X75	2,0	0,4	19	2,0 x 75	169	94	18
AN2,5X50	2,5	0,4	19	2,5 x 50	144	94	20
AN2,5X75	2,5	0,4	19	2,5 x 75	169	94	21
AN3X75	3,0	0,5	25	3,0 x 75	178	103	32
AN3X100	3,0	0,5	25	3,0 x 100	203	103	33
AN3,5X75	3,5	0,6	25	3,5 x 75	178	103	41
AN3,5X100	3,5	0,6	25	3,5 x 100	203	103	43
AN3,5X250	3,5	0,6	25	3,5 x 250	353	103	55
AN4X100	4,0	0,8	30	4,0 x 100	209	109	47
AN4X150	4,0	0,8	30	4,0 x 150	259	109	52
AN4X200	4,0	0,8	30	4,0 x 200	309	109	57
AN4X300	4,0	0,8	30	4,0 x 300	409	109	120
AN5,5X100	5,5	1,0	30	5,5 x 100	209	109	82
AN5,5X125	5,5	1,0	30	5,5 x 125	234	109	87
AN5,5X150	5,5	1,0	30	5,5 x 150	259	109	91
AN5,5X200	5,5	1,0	30	5,5 x 200	309	109	105
AN5,5X300	5,5	1,0	30	5,5 x 300	409	109	130
AN6,5X125	6,5	1,2	36	6,5 x 125	245	120	132
AN6,5X150	6,5	1,2	36	6,5 x 150	270	120	140
AN6,5X200	6,5	1,2	36	6,5 x 200	320	120	153
AN6,5X300	6,5	1,2	36	6,5 x 300	420	120	180



ANF - PROTWIST® screwdrivers for slotted head screws - forged blades

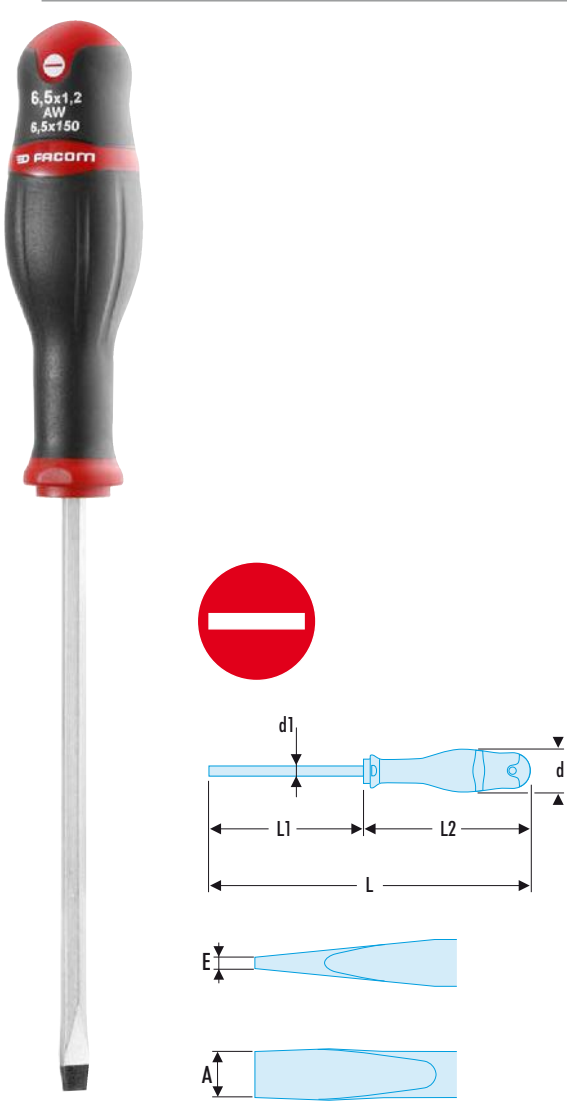


NF ISO 2380-1, NF ISO 2380-2, ISO 2380-1, ISO 2380-2, DIN ISO 2380-1, DIN ISO 2380-2, ASME B107.600

- Forged blade with excellent tip fibre for high torsion strength.
- Extra-long shank up to 250 mm for difficult and remote access.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: black tipped mat chromed blade.

	A [mm]	E [mm]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
ANF4X100	4,0	0,8	30	4,0 x 100	209	109	47
ANF5,5X100	5,5	1,0	30	5,5 x 100	209	109	76
ANF5,5X150	5,5	1,0	30	5,5 x 150	259	109	84
ANF6,5X100	6,5	1,2	36	6,0 x 100	220	120	120
ANF6,5X150	6,5	1,2	36	6,0 x 150	270	120	131
ANF8X150	8,0	1,2	40	7,0 x 150	275	125	149
ANF8X200	8,0	1,2	40	7,0 x 200	325	125	164
ANF10X200	10,0	1,6	40	9,0 x 200	325	125	214
ANF10X250	10,0	1,6	40	9,0 x 250	375	125	268

AW - PROTWIST® screwdrivers for slotted head screws - hexagonal blades



NF ISO 2380-1, NF ISO 2380-2, ISO 2380-1, ISO 2380-2, DIN ISO 2380-1, DIN ISO 2380-2, ASME B107.600

- Hexagonal blade for optimum reliability and performance.
- Extra-long shank up to 250 mm for difficult and remote access.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: black tipped mat chromed blade.

	A [mm]	E [mm]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
AW4X100	4,0	0,8	30	4 x 100	209	109	60
AW4X150	4,0	0,8	30	4 x 150	259	109	70
AW5,5X100	5,5	1,0	30	5 x 100	209	109	85
AW5,5X150	5,5	1,0	30	5 x 150	259	109	100
AW6,5X125	6,5	1,2	36	6 x 125	245	120	130
AW6,5X150	6,5	1,2	36	6 x 150	270	120	150
AW8X150	8,0	1,2	40	7 x 150	275	125	220
AW8X200	8,0	1,2	40	7 x 200	300	125	235
AW10X200	10,0	1,6	40	9 x 200	325	125	255
AW12X250	12,0	2,0	40	10 x 250	375	125	280



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CHOOSING THE RIGHT SCREWDRIVER FOR CROSS-HEADS

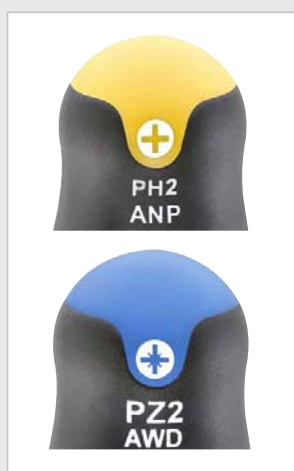
POWER - DURABILITY - QUALITY

The two main cross-head types have very different profiles. Choosing the right screwdriver is crucial for:

- Extending tool life.
- Protecting screw patterns.
- Transmitting maximum torque without wear, particularly with difficult fasteners.

Each tip pattern has a different colour code to help you choose the right screwdriver.

- Yellow for PHILLIPS® screwdrivers and blue for POZIDRIV® screwdrivers.
- A pictogram of the pattern is also shown on the colour coded end.



PHILLIPS® PH

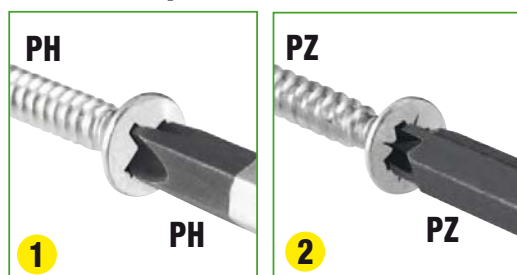


POZIDRIV® PZ

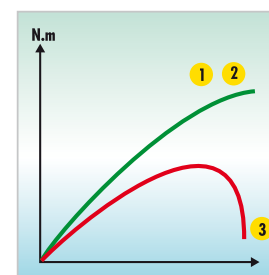
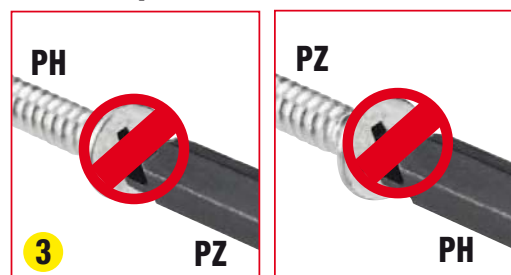


SMALL DIFFERENCES CAN HAVE A BIG EFFECT

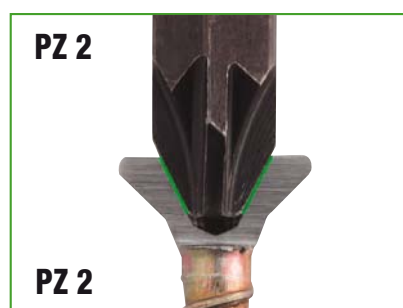
Correct patterns and sizes.



Incorrect patterns or sizes.



Screwdriver-to-fastener torque transmission.



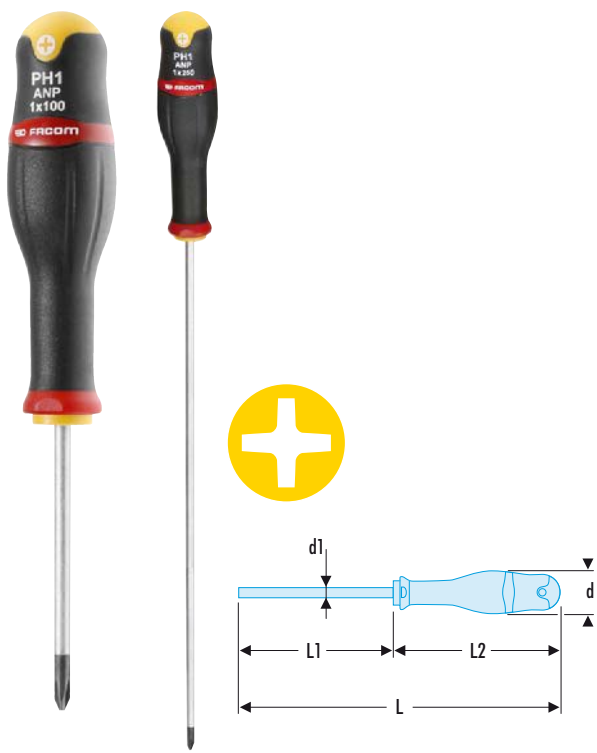
Using the right screwdriver for the fastener optimises contact areas and transmits maximum torque.



Using the wrong screwdriver reduces contact areas, increases risk of wear or breakage (worn tips, broken fins) which can damage fasteners and assemblies, and may even cause injury.

PROTWIST® screwdrivers for Phillips® screws

AN - PROTWIST® screwdrivers for Phillips® screws - round blades

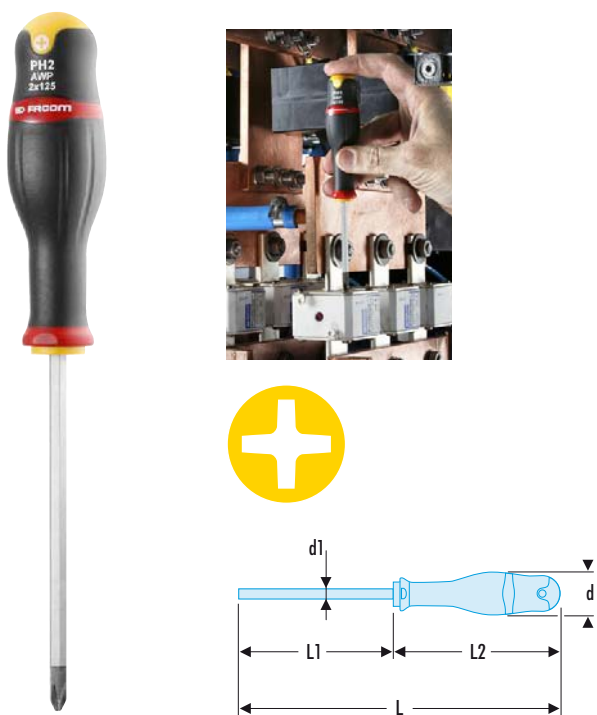


NF ISO 8764-1, NF ISO 8764-2, ISO 8764-1, ISO 8764-2, DIN ISO 8764-1, DIN ISO 8764-2, ASME B107.600

- Extra-long blade up to 400 mm for difficult and remote access.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: black tipped mat chromed blade.

	Phillips [No]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
ANP0X75	PH0	25	3,0 x 75	178	103	45
ANP1X75	PH1	30	4,5 x 75	184	109	73
ANP1X100	PH1	30	4,5 x 100	209	109	76
ANP1X250	PH1	30	4,5 x 250	359	109	99
ANP2X100	PH2	36	6,0 x 100	220	120	120
ANP2X125	PH2	36	6,0 x 125	245	120	126
ANP2X250	PH2	36	6,0 x 250	370	120	153
ANP2X400	PH2	36	6,0 x 400	520	120	186
ANP3X150	PH3	40	8,0 x 150	275	125	194
ANP4X200	PH4	40	10,0 x 200	325	125	277

AWP - PROTWIST® screwdrivers for Phillips® screws - hexagonal blades



NF ISO 8764-1, NF ISO 8764-2, ISO 8764-1, ISO 8764-2, DIN ISO 8764-1, DIN ISO 8764-2, ASME B107.600

- Hexagonal blade for optimum reliability and performance.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: black tipped mat chromed blade.

	Phillips [No]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
AWP1X100	PH1	30	5 x 100	209	109	80
AWP2X125	PH2	36	6 x 125	245	120	130
AWP3X150	PH3	40	8 x 150	275	125	200
AWP4X200	PH4	40	10 x 200	325	125	280

AWPH - PROTWIST® screwdrivers for Phillips® screws - power series



NF ISO 8764-1, NF ISO 8764-2, ISO 8764-1, ISO 8764-2, DIN ISO 8764-1, DIN ISO 8764-2, ASME B107.600

- Hexagonal blade with shoulder to take a wrench.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: black tipped mat chromed blade.

	Phillips [No]	d [mm]	d2 [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
AWPB1X100	PH1	30	8	5 x 100	209	109	70
AWPB2X125	PH2	36	10	6 x 125	245	120	130
AWPB3X150	PH3	40	12	8 x 150	275	125	200
AWPB4X200	PH4	40	14	10 x 200	325	125	280

■ ANP - PROTWIST® screwdrivers for Phillips® screws - short blades



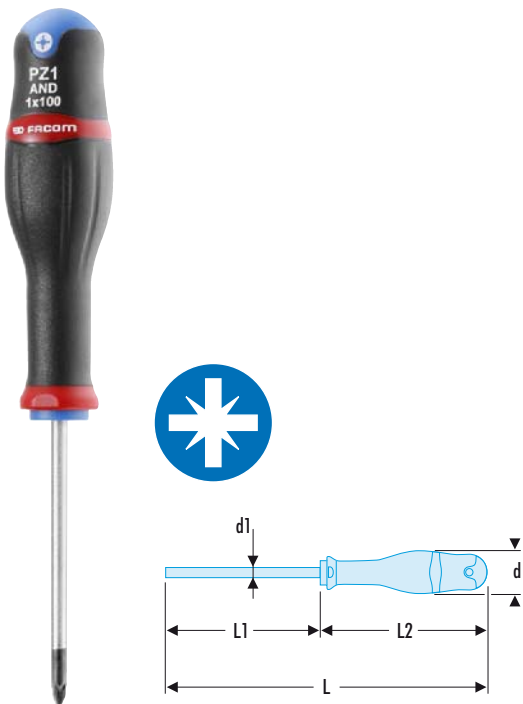
NF ISO 8764-1, NF ISO 8764-2, ISO 8764-1, ISO 8764-2, DIN ISO 8764-1, DIN ISO 8764-2, ASME B107.600

- Short blade and ball handle for use in confined spaces.
- Finish: black tipped mat chromed blade.

	Phillips [No]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
ANP1X25	PH1	36	4,5 x 25	81	56	38
ANP1X35	PH1	36	4,5 x 35	91	56	39
ANP2X35	PH2	36	6,0 x 35	91	56	44

PROTWIST® screwdrivers for Pozidriv® screws

■ AND - PROTWIST® screwdrivers for Pozidriv® screws - round blades



NF ISO 8764-1, NF ISO 8764-2, ISO 8764-1, ISO 8764-2, DIN ISO 8764-1, DIN ISO 8764-2, ASME B107.600

- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: black tipped mat chromed round blade.

	Pozidriv [No]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
AND0X75	PZ0	25	3,0 x 75	178	103	45
AND1X75	PZ1	30	4,5 x 75	184	109	73
AND1X100	PZ1	30	4,5 x 100	209	109	76
AND1X250	PZ1	30	4,5 x 250	359	109	99
AND2X100	PZ2	36	6,0 x 100	220	120	120
AND2X125	PZ2	36	6,0 x 125	245	120	126
AND2X250	PZ2	36	6,0 x 250	370	120	153
AND3X150	PZ3	40	8,0 x 150	275	125	194
AND4X200	PZ4	40	10,0 x 200	325	125	277

■ AWD - PROTWIST® screwdrivers for Pozidriv® screws - hexagonal blades

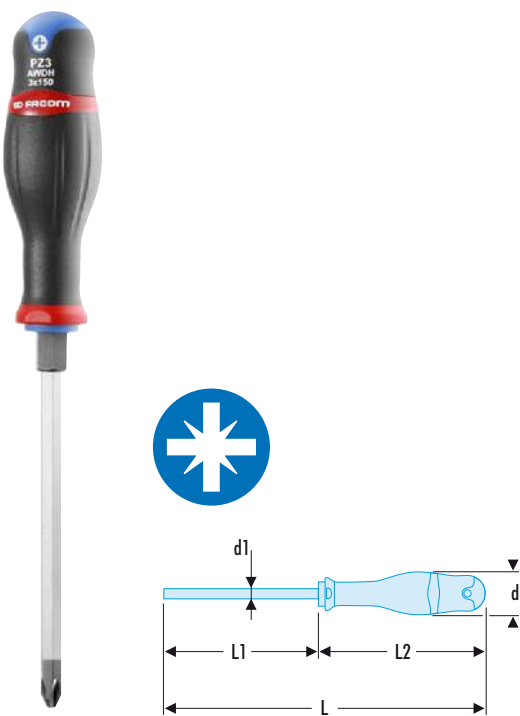


NF ISO 8764-1, NF ISO 8764-2, ISO 8764-1, ISO 8764-2, DIN ISO 8764-1, DIN ISO 8764-2, ASME B107.600

- Hexagonal blade for optimum reliability and performance.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: black tipped mat chromed blade.

	Pozidriv [No]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
AWD1X100	PZ1	30	5 x 100	209	109	80
AWD2X125	PZ2	36	6 x 125	245	120	130
AWD3X150	PZ3	40	8 x 150	275	125	200
AWD4X200	PZ4	40	10 x 200	325	125	280

AWDH - PROTWIST® screwdrivers for Pozidriv® screws - power series

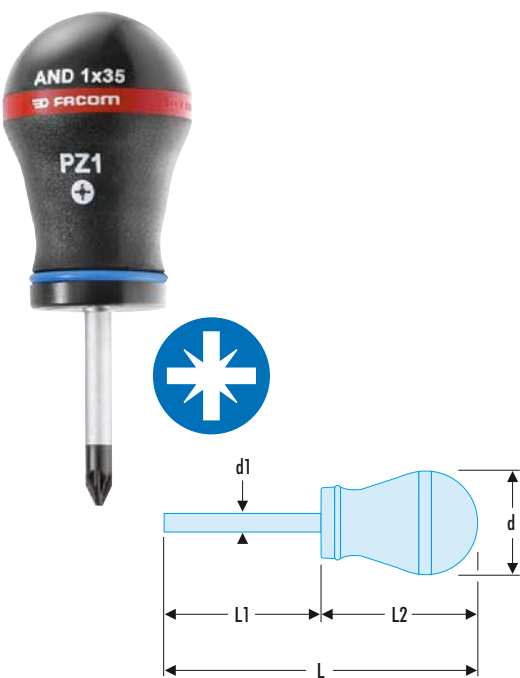


NF ISO 8764-1, NF ISO 8764-2, ISO 8764-1, ISO 8764-2, DIN ISO 8764-1, DIN ISO 8764-2, ASME B107.600

- Hexagonal blade with shoulder to take a wrench.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: black tipped mat chromed blade.

	Pozidriv [No]	d [mm]	d2 [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
AWDH1X100	PZ1	30	8	5 x 100	209	109	209
AWDH2X125	PZ2	36	10	6 x 125	245	120	245
AWDH3X150	PZ3	40	12	8 x 150	275	125	275
AWDH4X200	PZ4	40	14	10 x 200	325	125	325

AND - PROTWIST® screwdrivers for Pozidriv® screws - short blades



NF ISO 8764-1, NF ISO 8764-2, ISO 8764-1, ISO 8764-2, DIN ISO 8764-1, DIN ISO 8764-2, ASME B107.600

- Short round blade and ball handle for use in confined spaces.
- Finish: black tipped mat chromed blade.

	Pozidriv [No]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
AND1X25	PZ1	36	4,5 x 25	81	56	38
AND1X35	PZ1	36	4,5 x 35	91	56	40
AND2X35	PZ2	36	6,0 x 35	91	56	45

PROTWIST® screwdrivers for square head screws

ANSQ - PROTWIST® screwdrivers for ROBERTSON square head screws

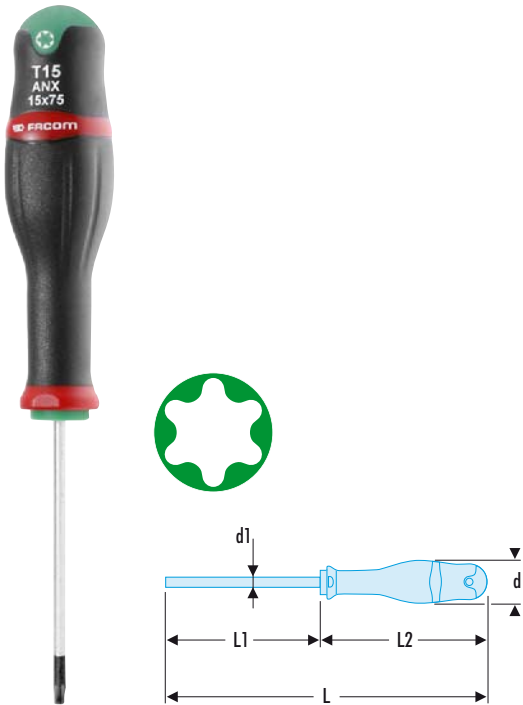


- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: black tipped mat chromed blade.

	A [mm]	Robertson [No]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
ANSQ1X75	4	SQ1	30	4 x 75	184	109	73
ANSQ2X100	5	SQ2	36	5 x 100	220	120	120
ANSQ3X125	6	SQ3	40	6 x 125	250	125	185

PROTWIST® screwdrivers for Torx® and Resistorx® screws

ANX - PROTWIST® screwdrivers for Torx® screws



- Compliant with Torx® specifications.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: black tipped mat chromed blade.

	A [mm]	Torx [No]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
ANX6X50	1,65	T6	19	2,5 x 50	144	94	20
ANX7X50	1,97	T7	19	2,5 x 50	144	94	20
ANX8X50	2,30	T8	26	2,5 x 50	153	103	35
ANX9X75	2,48	T9	25	3,0 x 75	178	103	45
ANX10X75	2,74	T10	30	3,0 x 75	184	109	50
ANX15X75	3,26	T15	30	3,5 x 75	184	109	61
ANX20X100	3,84	T20	36	4,0 x 100	220	120	67
ANX20X150	3,84	T20	36	4,0 x 150	270	120	73
ANX25X100	4,40	T25	36	5,0 x 100	220	120	113
ANX27X100	4,96	T27	36	5,5 x 100	220	120	113
ANX30X125	5,49	T30	36	6,0 x 125	245	120	126
ANX40X150	6,60	T40	40	7,0 x 150	275	125	173

ANXP - PROTWIST® screwdrivers for Torx Plus® screws



- Compliant with Torx Plus® specifications.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: black tipped mat chromed blade.

	A [mm]	Resistorx [No]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
ANXP5X50	1,42	IP5	19	2,5 x 50	144	95	20
ANXP6X50	1,65	IP6	19	2,5 x 50	144	95	20
ANXP7X50	1,97	IP7	19	2,5 x 50	144	95	20
ANXP8X50	2,30	IP8	25	2,5 x 50	153	103	35
ANXP9X75	2,48	IP9	25	3,0 x 75	178	103	45
ANXP10X75	2,74	IP10	30	3,0 x 75	184	109	50
ANXP15X75	3,26	IP15	30	3,5 x 75	184	110	61
ANXP20X100	3,84	IP20	36	4,0 x 100	220	120	67
ANXP25X100	4,40	IP25	36	5,0 x 100	220	120	113
ANXP27X100	4,96	IP27	36	5,5 x 100	220	120	113
ANXP30X125	5,49	IP30	36	6,0 x 125	245	120	126
ANXP40X150	6,60	IP40	40	7,0 x 150	275	125	173

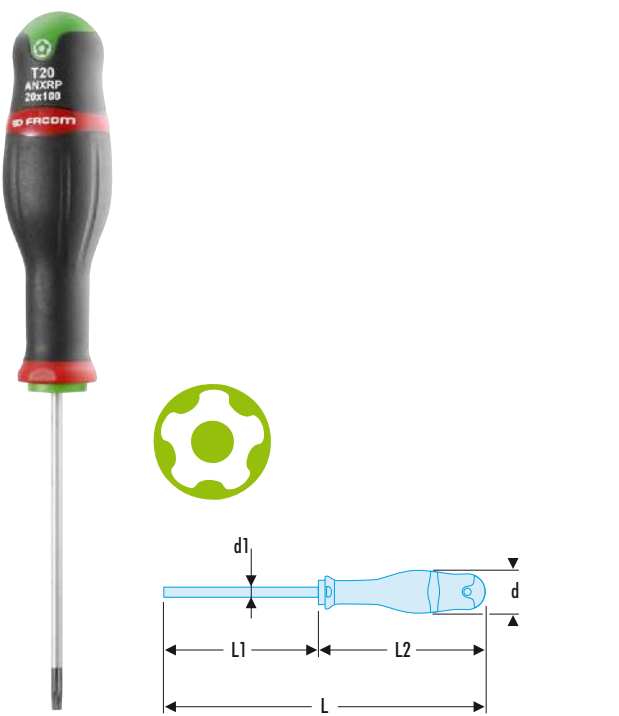
ANXR - PROTWIST® screwdrivers for Resistorx® screws



- Compliant with Resistorx® specifications.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: black tipped mat chromed blade.

	A [mm]	Resistorx [No]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
ANXR10X75	2,74	TT10	25	3,0 x 75	184	109	50
ANXR15X75	3,26	TT15	30	3,5 x 75	185	110	61
ANXR20X100	3,84	TT20	36	4,0 x 100	220	120	67
ANXR25X100	4,40	TT25	36	5,0 x 100	220	120	113
ANXR27X100	4,96	TT27	36	5,5 x 100	220	120	113
ANXR30X125	5,49	TT30	36	6,0 x 125	245	120	126
ANXR40X150	6,60	TT40	40	7,0 x 150	275	125	173

ANXRP - PROTWIST® screwdrivers for Torx Plus® screws



- Compliant with Torx Plus® specifications.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: black tipped mat chromed blade.

	A [mm]	Resistorx [No]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
ANXRP10X75	2,74	IPR10	30	3,0 x 75	184	109	50
ANXRP15X75	3,26	IPR15	30	3,5 x 75	185	110	61
ANXRP20X100	3,84	IPR20	36	4,0 x 100	220	120	67
ANXRP25X100	4,40	IPR25	36	5,0 x 100	220	120	113
ANXRP27X100	4,96	IPR27	36	5,5 x 100	220	120	113
ANXRP30X125	5,49	IPR30	36	6,0 x 125	245	120	126
ANXRP40X150	6,60	IPR40	40	7,0 x 150	275	125	173

Set of PROTWIST® screwdrivers with sand-blasted tip

Set of 6 PROTWIST® screwdrivers with sand-blasted tip for slotted-head and Phillips® screws

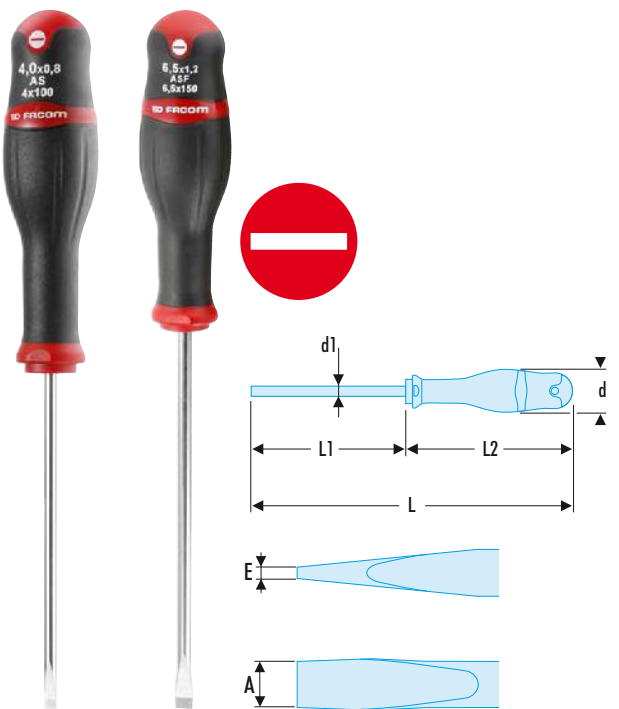


- Supplied in a box.

	Content set	Quantity
ASP.J6	AS3,5X75 - AS4X100 - AS5,5X100 - ASF6,5X150 - ASP1X100 - ASP2X125	6

PROTWIST® screwdrivers with sand-blasted tip

AS - ASF - PROTWIST® screwdrivers with sand-blasted tip for slotted head screws

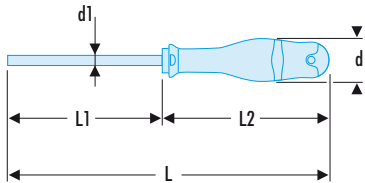


NF ISO 2380-1, NF ISO 2380-2, ISO 2380-1, ISO 2380-2, DIN ISO 2380-1, DIN ISO 2380-2, ASME B107.600

- ASF: forged blade.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: sand-blasted tip gloss chromed blade.

	A [mm]	E [mm]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
AS2,5X75	2,5	0,4	19	2,5 x 75	170	95	21
AS3,5X75	3,5	0,6	25	3,5 x 75	179	104	41
AS3,5X100	3,5	0,6	25	3,5 x 100	204	104	43
AS4X100	4,0	0,8	30	4,0 x 100	209	109	47
AS5,5X100	5,5	1,0	30	5,5 x 100	210	110	82
AS5,5X150	5,5	1,0	30	5,5 x 150	260	110	91
AS6,5X150	6,5	1,2	36	6,5 x 150	270	120	140
ASF5,5X100	5,5	1,0	30	5,0 x 100	210	110	76
ASF6,5X150	6,5	1,2	36	6,0 x 150	270	120	120
ASF8X150	8,5	1,2	40	7,0 x 150	275	125	149
ASF10X200	10,0	1,6	40	9,0 x 200	325	125	214

ASP - PROTWIST® screwdrivers with sand-blasted tip for Phillips® screws

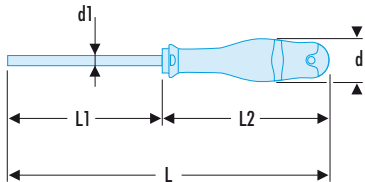


NF ISO 8764-1, NF ISO 8764-2, ISO 8764-1, ISO 8764-2, DIN ISO 8764-1, DIN ISO 8764-2, ASME B107.600

- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: sand-blasted tip gloss chromed blade.

	Phillips [No]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
ASP0X75	PH0	25	3,0 x 75	179	104	45
ASP1X100	PH1	30	4,5 x 100	210	110	76
ASP2X125	PH2	36	6,0 x 125	245	120	126
ASP3X150	PH3	40	8,0 x 150	275	125	194

ASD - PROTWIST® screwdrivers with sand-blasted tip for Pozidriv® screws

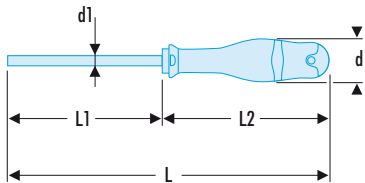


NF ISO 8764-1, NF ISO 8764-2, ISO 8764-1, ISO 8764-2, DIN ISO 8764-1, DIN ISO 8764-2, ASME B107.600

- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: sand-blasted tip gloss chromed blade.

	Pozidriv [No]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
ASD0X75	PZ0	25	3,0 x 75	179	104	45
ASD1X100	PZ1	30	4,5 x 100	210	110	76
ASD2X125	PZ2	36	6,0 x 125	245	120	126
ASD3X150	PZ3	40	8,0 x 150	275	125	194

ASX - PROTWIST® screwdrivers with sand-blasted tip for Torx® screws



- Compliant with Torx® specifications.
- Silicon carbon blade: strong and resistant to flexion.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: sand-blasted tip gloss chromed blade.

	Torx [No]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
ASX10X75	T10	30	3,0 x 75	184	109	50
ASX15X75	T15	30	3,5 x 75	185	110	61
ASX20X100	T20	36	4,0 x 100	220	120	73
ASX25X100	T25	36	5,0 x 100	220	120	113
ASX30X125	T30	36	6,0 x 125	245	120	126

PROTWIST® stainless steel screwdrivers

PROTWIST® STAINLESS STEEL SCREWDRIVERS

APPLICATIONS FOR STAINLESS STEEL TOOLS

- Industries sensitive to contamination: agro-food, clean rooms, laboratories, medical facilities.
- Rust-prone outdoor environments: marine environments, buildings (door and window fasteners, terraces).



Only use stainless steel screwdrivers to preserve the antirust characteristics of a stainless steel screw

- Standard screwdrivers produce metal particles which rust and contaminate stainless steel fasteners.
- Using a stainless steel screwdriver is the only way to guarantee non-contamination of the fastener, and high resistance to corrosion.



Screwdrivers combining resistance to oxidation, strength and screwing comfort

- Protwist ergonomic grip overmoulded on stainless steel blade, chosen for its high range characteristics and submitted to a precise and controlled thermal treatment.

Stainless steel X46Cr13

- Also used for high range food grade cutlery, surgical tools, brake discs, etc.

Vacuum quenching

- Guarantees mechanical characteristics and resistance to corrosion.

Bacteriological tests passed after sterilisation in autoclave

- 20 min at 120°C, 1 bar over-pressure.



Set of 6 PROTWIST® stainless steel screwdrivers N°1



- High corrosion resistance of stainless steel tools ensures a longer lifetime in environments prone to rust.
- The stainless steel blade Ref X46Cr13 is used in top range food cutlery, surgical tools, brake discs.
- Vacuum quenching guarantees mechanical characteristics.

	Content set	Quantity	ΔΔ [g]
ADST.J6	4X100 - 5,5X100 - 6,5X150 - 8X175 - PZ1X100 - PZ2X125	6	620



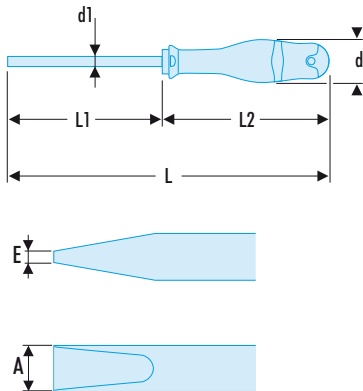
Set of 6 PROTWIST® stainless steel screwdrivers N°2



- High corrosion resistance of stainless steel tools ensures a longer lifetime in environments prone to rust.
- The stainless steel blade Ref X46Cr13 is used in top range food cutlery, surgical tools, brake discs.
- Vacuum quenching guarantees mechanical characteristics.

	Content set	Quantity	ΔΔ [g]
APST.J6	4X100 - 5,5X100 - 6,5X150 - 8X175 - PH1X100 - PH2X125	6	620

A.ST - AF.ST - PROTWIST® stainless steel screwdrivers for slotted head screws

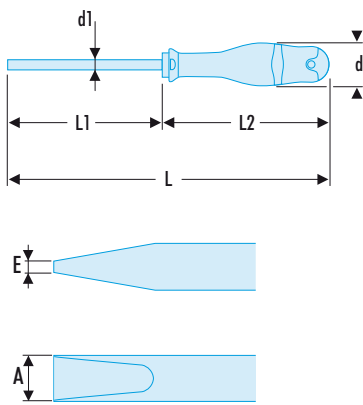


NF ISO 2380-1, NF ISO 2380-2, ISO 2380-1, ISO 2380-2, DIN ISO 2380-1, DIN ISO 2380-2, ASME B107.600

- High corrosion resistance of stainless steel tools ensures a longer lifetime in environments prone to rust.
- The stainless steel blade Ref X46Cr13 is used in top range food cutlery, surgical tools, brake discs.
- Vacuum quenching guarantees mechanical characteristics.
- Bi-material grip resists to impacts, abrasion, and chemicals.

	A [mm]	E [mm]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
A4X100ST	4,0	0,8	30	4,0 x 100	209	109	47
A5,5X100ST	5,5	1,0	30	5,5 x 100	210	110	82
AF6,5X150ST	6,5	1,2	36	6,5 x 150	270	120	153
AF8X175ST	8,0	1,2	36	6,5 x 175	420	120	180

AP.ST - PROTWIST® stainless steel screwdrivers for Phillips® screws

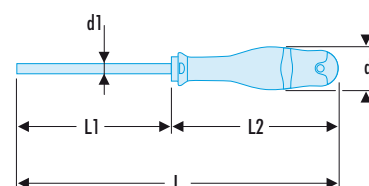


NF ISO 8764-1, NF ISO 8764-2, ISO 8764-1, ISO 8764-2, DIN ISO 8764-1, DIN ISO 8764-2, ASME B107.600

- High corrosion resistance of stainless steel tools ensures a longer lifetime in environments prone to rust.
- The stainless steel blade Ref X46Cr13 is used in top range food cutlery, surgical tools, brake discs.
- Vacuum quenching guarantees mechanical characteristics.
- Bi-material grip resists to impacts, abrasion, and chemicals.

	Phillips [No]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
AP1X100ST	PH1	30	4,5 x 100	209	109	76
AP2X125ST	PH2	36	6,0 x 125	245	120	126

AD.ST - PROTWIST® stainless steel screwdrivers for Pozidriv® screws

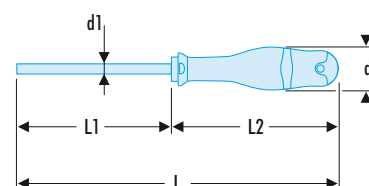


NF ISO 8764-1, NF ISO 8764-2, ISO 8764-1, ISO 8764-2, DIN ISO 8764-1, DIN ISO 8764-2, ASME B107.600

- High corrosion resistance of stainless steel tools ensures a longer lifetime in environments prone to rust.
- The stainless steel blade Ref X46Cr13 is used in top range food cutlery, surgical tools, brake discs.
- Vacuum quenching guarantees mechanical characteristics.
- Bi-material grip resists to impacts, abrasion, and chemicals.

	Pozidriv [No]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
AD1X100ST	PZ1	30	4,5 x 100	209	109	76
AD2X125ST	PZ2	36	6,0 x 125	245	120	126

AX.ST - PROTWIST® stainless steel for Torx® screws



- High corrosion resistance of stainless steel tools ensures a longer lifetime in environments prone to rust.
- The stainless steel blade Ref X46Cr13 is used in top range food cutlery, surgical tools, brake discs.
- Vacuum quenching guarantees mechanical characteristics.
- Bi-material grip resists to impacts, abrasion, and chemicals.

	Torx [No]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
AX10X75ST	T10	30	3,0 x 75	184	109	50
AX15X75ST	T15	30	3,5 x 75	184	109	61
AX20X100ST	T20	36	4,0 x 100	220	120	67
AX25X100ST	T25	36	5,0 x 100	220	120	113
AX30X125ST	T30	36	6,0 x 125	245	120	126
AX40X150ST	T40	40	7,0 x 150	275	125	173

STAINLESS STEEL KEYS

STAINLESS STEEL KEYS: WHY ?

- Very high resistance to oxidation:
 - No rust on the tool.
 - No fastener contamination.
- Non-coated treated stainless steel key:
 - No risk of flaking.
 - No loss of material.

For details of our complete range of stainless steel keys see p. 428



PROTWIST® SHOCK screwdrivers

IMPACT ZONE SCREWDRIVER

Exceptional unlocking power

- The shockwave unlocks rusted fasteners for easier unfastening.
- Metal insert added.
- Optimum impact power transmission from the insert to the blade: metal insert associated with the modified polyamide core of the Protwist.
- Major reduction of blow and vibrations in the hand upon impact: the blade and insert are not in direct contact, but separated by the polyamide.
- Positive grip: Protwist ergonomic handle and soft material for efficient and comfortable grip.
- High strength: hexagonal blade in high alloy steel and insert to protect the impact zone.

Set of 5 PROTWIST® SHOCK screwdrivers

	Content set	Quantity
AWCK.J5	4X100 - 6,5x150 - 8X175 - PH1X100 - PH2X125	5

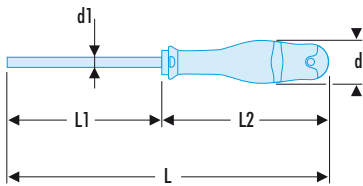
AWH.CK - PROTWIST® SHOCK screwdrivers for slotted head screws

NF ISO 2380-1, NF ISO 2380-2, ISO 2380-1, ISO 2380-2, DIN ISO 2380-1, DIN ISO 2380-2, ASME B107.600

- Positive grip.
- PROTWIST® ergonomic handle and soft material for efficient and comfortable grip.
- High strength.
- Wide and domed metal insert to protect the impact zone, associated with a hexagonal blade in 73MO steel.
- Hexagonal blade with shoulder to take a wrench (except AW4X100Ck without shoulder).
- Extra-long blade for use in confined spaces.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: black tipped mat chromed blade.

	A [mm]	E [mm]	d [mm]	d2 [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
AW4X100CK	4,0	0,8	25	-	4,1 x 100	204	104	57
AWH5,5X125CK	5,5	1,0	25	8	4 x 100	204	104	57
AWH6,5X150CK	6,5	1,2	30	10	5 x 125	235	110	88
AWH8X175CK	8,0	1,2	36	11	6 x 150	270	120	147
AWH10X175CK	10,0	1,6	40	14	7 x 175	300	125	195
AWH12X200CK	12,0	2,0	40	14	10 x 200	325	125	292
AWH14X250CK	14,0	2,5	40	16	10 x 250	375	125	322

AWPH.CK - PROTWIST® SHOCK screwdrivers for Phillips® screws

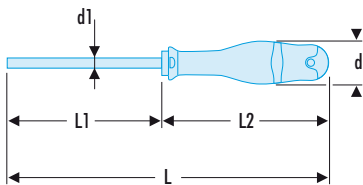


NF ISO 8764-1, NF ISO 8764-2, ISO 8764-1, ISO 8764-2, DIN ISO 8764-1, DIN ISO 8764-2, ASME B107.600

- Positive grip.
- PROTWIST® handle ergonomics and soft coating for efficient and comfortable grip.
- High strength.
- Wide domed metal insert protecting the zone of impact, associated with a 73M0 hexagonal blade.
- Hexagonal blade with shoulder to take a wrench.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: black tipped mat chromed blade.

	Phillips [No]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
AWPH1X100CK	PH1	30	5 x 100	209	109	70
AWPH2X125CK	PH2	36	6 x 125	245	120	130
AWPH3X150CK	PH3	40	8 x 150	275	125	200

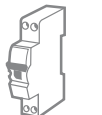
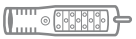
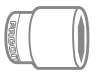
AWDH.CK - PROTWIST® SHOCK screwdriver for Pozidriv® screws



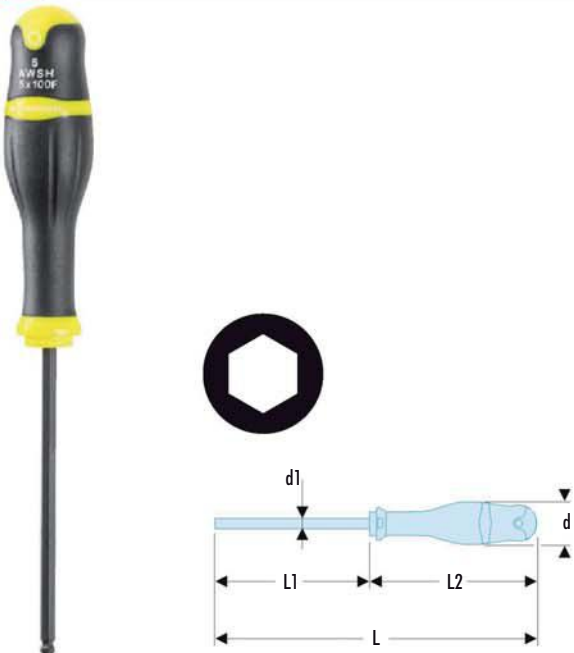
NF ISO 8764-1, NF ISO 8764-2, ISO 8764-1, ISO 8764-2, DIN ISO 8764-1, DIN ISO 8764-2, ASME B107.600

- Positive grip.
- PROTWIST® handle ergonomics and soft coating for efficient and comfortable grip.
- High strength.
- Wide domed metal insert protecting the zone of impact, associated with a 73M0 hexagonal steel blade.
- Hexagonal blade with shoulder to take a wrench.
- Bi-material grip resists to impacts, abrasion, and chemicals.
- Finish: black tipped mat chromed blade.

	Pozidriv [No]	d [mm]	d2 [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
AWDH1X100CK	PZ1	30	8	5 x 100	210	110	86
AWDH2X125CK	PZ2	36	10	6 x 125	245	120	142
AWDH3X150CK	PZ3	40	12	8 x 150	275	125	211



AWSH.F - PROTWIST® fluorescent handle hexagonal key - spherical head



- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light.
- Bi-material grip resists to impacts, abrasion, and chemicals.

	d [mm]	d1 [mm]	L [mm]	L1 [mm]	L2 [mm]	ΔΔ [g]
AWSH3X75F	19	3	169	75	94	35
AWSH4X75F	25	4	178	75	103	45
AWSH5X100F	30	5	208	100	109	80

PROTWIST® fluorescent bit holder screwdriver



- Detect the tool thanks to its fluorescence, activated by a lamp or UV neon light.
- Long magnetic bit holders.
- Bi-material grip resists to impacts, abrasion, and chemicals.

	d [mm]	L [mm]	L1 [mm]	ΔΔ [g]
AM.M2F	10	245	125	150

SAFETY FIRST

WALLET SET OF FLUORESCENT KEYS

➤ WALLET SET OF FLUORESCENT KEYS AVAILABLE P. 1024



SAFETY FIRST

NON-SPARKING TOOLS

➤ RANGE OF NON-SPARKING TOOLS AVAILABLE P. 738



PROTWIST® 1,000 Volt insulated screwdrivers sets and modules

1,000 V INSULATED SCREWDRIVERS

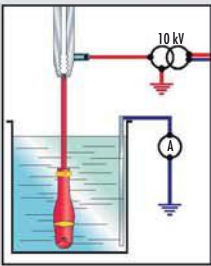
FACOM VE-SERIES 1,000 V SCREWDRIVERS



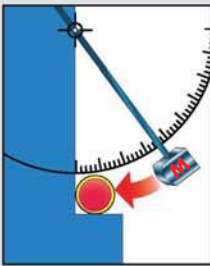
Tools built for electrical safety to European standard EN 60900 specifications, and designed for working on live components up to 1,000 V AC and 1,500 V DC

For your safety, every screwdriver is tested to 10,000 V for 10 seconds at the end of the manufacturing cycle.

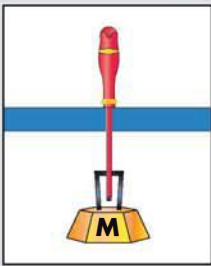
Tests performed in accordance with EN 60900.



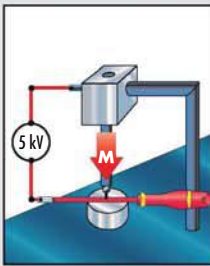
Electrical resistance



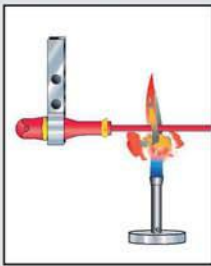
Impact resistance



Pull-off resistance



Penetration resistance



Combustion test

SAFETY FIRST

- WORKING ON LIVE COMPONENTS IS HAZARDOUS. For your safety it is important that you
- Ensure that the insulation is not damaged by:
 - heat (-20 to 70° working temperature)
 - chemicals
 - cuts or perforations.
 - Visually check the insulation before use.



A.VE - Sets of PROTWIST® 1,000 Volt insulated screwdrivers



- For your safety, each screwdriver is tested individually at 10,000 Volt for 10 seconds, at the end of the manufacturing cycle.
- Supplied in a box.

	Content set	Quantity	ΔΔ [g]
AD.J5VE	A3,5X100VE - A4X100VE - A5,5X125VE - AD1X100VE - AD2X125VE	5	430
AP.J5VE	A3,5X100VE - A4X100VE - A5,5X125VE - AP1X100VE - AP2X125VE	5	430
AD.J8VE	A2,5X75VE - A3X100VE - A3,5X100VE - A4X100VE - A5,5X125VE - A6,5X150VE - AD1X100VE - AD2X125VE	8	650



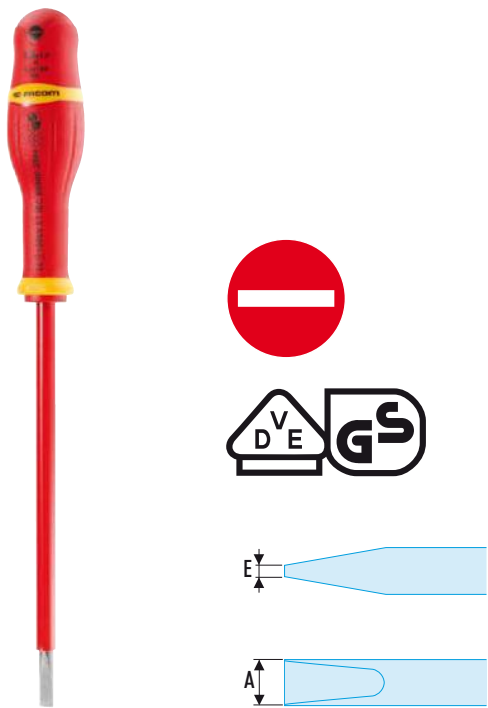
MOD.A1VE Module of 8 PROTWIST® 1,000 Volt insulated screwdrivers



- For your safety, each screwdriver is tested individually at 10,000 Volts for 10 seconds, at the end of the manufacturing cycle.
 - Including:
 - AVE: 3.5 - 4 - 5.5 - 6.5 mm.
 - AP1X100VE - AP2X125VE.
 - AD1X100VE - AD2X125VE.
 - Heat-formed tray PL325.
- Weight: 907 g.

PROTWIST® 1,000 Volt insulated screwdrivers for slotted head screws

A.VE - PROTWIST® 1,000 Volt insulated screwdrivers for slotted-head screws



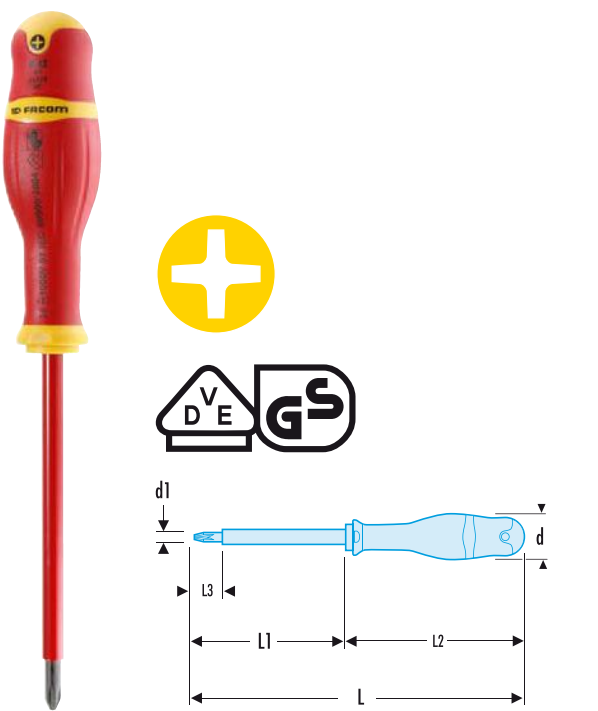
NF ISO 2380-1, NF ISO 2380-2, NF EN 60900, ISO 2380-1, ISO 2380-2, EN 60900, DIN ISO 2380-1, DIN ISO 2380-2, DIN EN 60900, ASME B107.600

- For your safety, each screwdriver is tested individually at 10,000 Volt for 10 seconds, at the end of the manufacturing cycle.
- 1,000 Volt sheathed round blade.
- Milled blade: --> 5.5 mm included.
- Fillet blade: 6.5 --> 12 mm.
- Bi-material grip resists to impacts, abrasion, and chemicals.

	A [mm]	E [mm]	d [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	ΔΔ [g]
A2X75VE	2,0	0,4	19	170	40	95	18	23
A2,5X50VE	2,5	0,4	25	153	50	103	18	30
A2,5X75VE	2,5	0,4	25	178	75	103	18	32
A3X75VE	3,0	0,5	25	178	75	103	18	38
A3X100VE	3,0	0,5	25	202	100	103	18	39
A3,5X75VE	3,5	0,6	25	179	75	104	18	42
A3,5X100VE	3,5	0,6	25	204	100	104	18	44
A4X100VE	4,0	0,8	30	210	100	110	18	48
A4X150VE	4,0	0,8	30	260	150	110	18	53
A5,5X125VE	5,5	1,0	30	235	125	110	18	88
A5,5X150VE	5,5	1,0	30	260	150	110	18	92
A5,5X200VE	5,5	1,0	30	310	200	110	18	106
A6,5X150VE	6,5	1,2	36	270	150	120	18	120
A6,5X200VE	6,5	1,2	36	320	200	120	18	170
A8X150VE	8,0	1,2	40	275	150	125	18	160
A8X200VE	8,0	1,2	40	325	200	125	18	180
A10X200VE	10,0	1,6	40	325	200	125	18	240
A12X250VE	12,0	2,0	40	375	250	125	18	360

PROTWIST® 1,000 Volt insulated screwdrivers for Phillips® screws

AP.VE - PROTWIST® 1,000 Volt insulated screwdrivers for Phillips® head screws

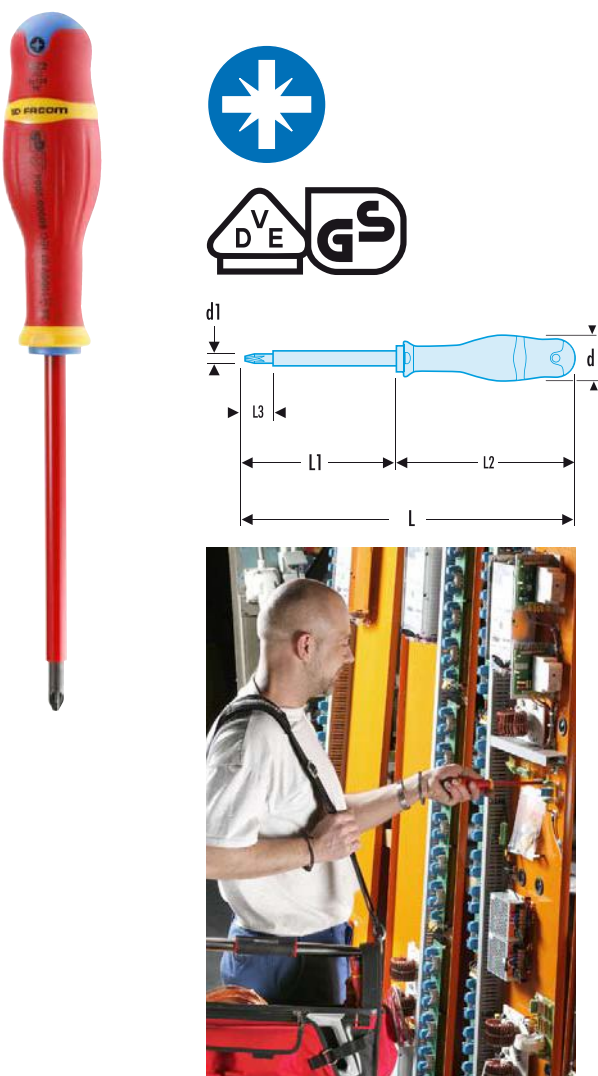


- NF ISO 8764-1, NF ISO 8764-2, NF EN 60900, ISO 8764-1, ISO 8764-2, EN 60900, DIN ISO 8764-1, DIN ISO 8764-2, DIN EN 60900, ASME B107.600
- For your safety, each screwdriver is tested individually at 10,000 Volt for 10 seconds, at the end of the manufacturing cycle.
 - 1,000 Volt sheathed round blade.
 - Bi-material grip resists to impacts, abrasion, and chemicals.

	Phillips [No]	d [mm]	d1 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	ΔΔ [g]
AP0X75VE	PH0	25	3,0	179	75	104	18	46
AP1X100VE	PH1	30	4,5	210	100	110	18	77
AP2X125VE	PH2	36	6,0	245	125	120	18	127
AP3X150VE	PH3	40	8,0	275	150	125	18	195
AP4X200VE	PH4	40	10,0	325	200	125	18	278

PROTWIST® 1,000 Volt insulated screwdrivers for Pozidriv® screws

AD.VE - PROTWIST® 1,000 Volt insulated screwdrivers for Pozidriv® head screws



- NF ISO 8764-1, NF ISO 8764-2, NF EN 60900, ISO 8764-1, ISO 8764-2, EN 60900, DIN ISO 8764-1, DIN ISO 8764-2, DIN EN 60900, ASME B107.600
- For your safety, each screwdriver is tested individually at 10,000 Volt for 10 seconds, at the end of the manufacturing cycle.
 - 1,000 Volt sheathed round blade.
 - Bi-material grip resists to impacts, abrasion, and chemicals.

	Pozidriv [No]	d [mm]	d1 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	ΔΔ [g]
AD0X75VE	PZ0	25	3,0	179	75	104	18	46
AD1X100VE	PZ1	30	4,5	209	100	109	18	77
AD2X125VE	PZ2	36	6,0	245	125	120	18	127
AD3X150VE	PZ3	40	8,0	275	150	125	18	195



PROTWIST® BORNEO® screwdrivers sets for electrical terminals

1,000 V INSULATED SCREWDRIVERS



SPECIAL SCREWDRIVERS FOR COMBINATION PATTERN HEADS USED ON SWITCHGEAR.

Special pattern

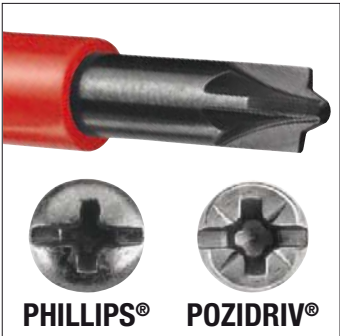
- Specific driver pattern suitable for switches, relays, circuit-breakers, boxes, terminals, etc.

Powerful tightening

- Torque transmission considerably higher than with a conventional screwdriver.

Drive integrity

- More positive coupling preventing slippage, reduced wear of both fastener and screwdriver.
- More secure fit avoiding damage to enclosures and casings.



1,000 V SAFETY

- Screwdrivers to European standard EN 60900.
- Most switchgear has combination Pozidriv®/slotted heads (Facom ADB series screwdrivers), but some uses Phillips®/slotted heads (Facom APB series screwdrivers). Clean results can only be achieved with correct screwdriver/fastener contact.

AB.VE - Sets of PROTWIST® BORNEO® screwdrivers for mixed heads

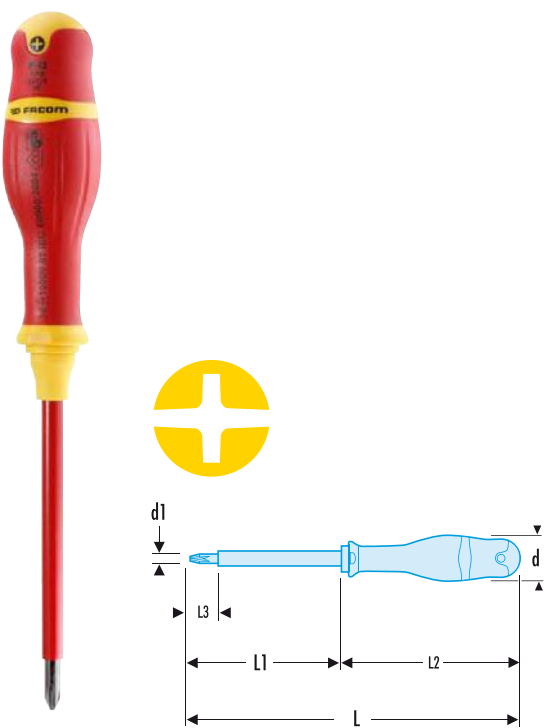


- Screwdrivers designed specifically for mixed head screws found in electrical appliances.
- For your safety, each screwdriver is tested individually at 10,000 Volts for 10 seconds, at the end of the manufacturing cycle.
- Supplied in a box.

	Content set	Quantity
AB.J4VE	APB1X100VE - APB2X125VE - ADB1X100VE - ADB2X125VE	4
ADB.J7VE	ADB1X100VE - ADB2X125VE - A2,5X75VE - A3,5X100VE - A4X100VE - A5,5X125VE - A6,5X150VE	7
APB.J7VE	APB1X100VE - APB2X125VE - A2,5X75VE - A3,5X100VE - A4X100VE - A5,5X125VE - A6,5X150VE	7

PROTWIST® BORNEO® screwdrivers for electrical terminals

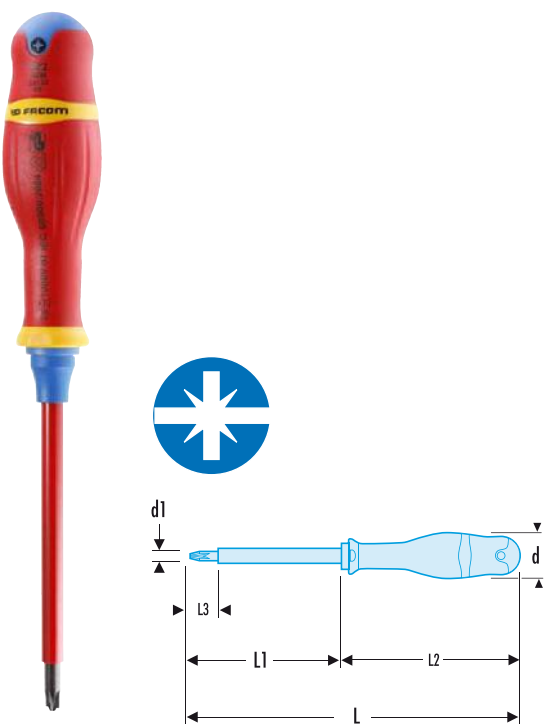
APB - PROTWIST® BORNEO® screwdrivers for mixed heads - Phillips®



- Screwdrivers designed specifcally for mixed head screws found in electrical appliances.
- Tighter screwing = safety.
- Less slipping for better sensations and lesser wear.
- Longer screwdriver durability.
- For your safety, each screwdriver is tested individually at 10,000 Volts for 10 seconds, at the end of the manufacturing cycle.
- Bi-material grip resists to impacts, abrasion, and chemicals.

	Phillips [No]	d [mm]	d1 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	ΔΔ [g]
APB1X100VE	PH1	30	5	210	100	110	18	80
APB2X125VE	PH2	36	6	245	125	120	18	136

ADB.VE - PROTWIST® BORNEO® screwdrivers for mixed heads - Pozidriv®



- Screwdrivers designed specifcally for mixed head screws found in electrical appliances.
- Tighter screwing = safety.
- Less slipping for better sensations and lesser wear.
- Longer screwdriver durability.
- For your safety, each screwdriver is tested individually at 10,000 Volts for 10 seconds, at the end of the manufacturing cycle.
- Bi-material grip resists to impacts, abrasion, and chemicals.

	Pozidriv [No]	d [mm]	d1 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	ΔΔ [g]
ADB1X100VE	PZ1	30	5	210	100	110	18	80
ADB2X125VE	PZ2	36	6	245	125	120	18	136

Sets of ISORYL screwdrivers

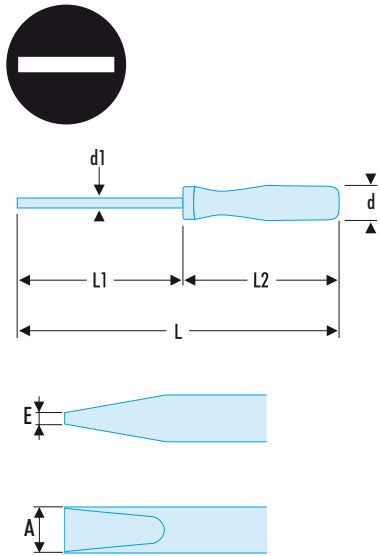
Sets of ISORYL screwdrivers



	Organiser for	Content set	Quantity	ΔΔ [g]
AR.J5	Box	AR.3X75 - AR.4X100 - AR.5,5X100 - AR.6,5X150 - AR.8X150	5	406
AS.4	Rack	AP.0X75 - AP.1X75 - AP.2X100 - AP.3X150 - AP.4X200	5	685
AT.J9	Wallet : N.38A-9B	AR.3X75 - AR.3,5X100 - AR.4X100 - AP.0X75 - AP.1X100 - AP.2X125 - AWHH2X75 - AWHH2,5X75 - AWHH3X75	9	300
AJ.3	Box	AR.3,5X100 - AR.4X100 - AR.5,5X100 - AR.6,5X150 - AR.8X150 - ATH.8EX175 - A.3,5X100VE - AP.1X75 - AP.2X100 - AP.3X150 - AD.1X75 - AD.2X100 - AD.3X150 - AF	14	1210
AS.15	Rack	AR.3,5X100 - AR.4X100 - AR.5,5X100 - AR.6,5X100 - AR.8X150 - ATH.8EX175 - A3,5X100VE - AP.1X75 - AP.2X100 - AP.3X150 - AD.1X75 - AD.2X100 - AD.3X150 - AF	14	1460

ISORYL screwdrivers for slotted head screws

AR - ISORYL screwdrivers for slotted-head screws - milled blade

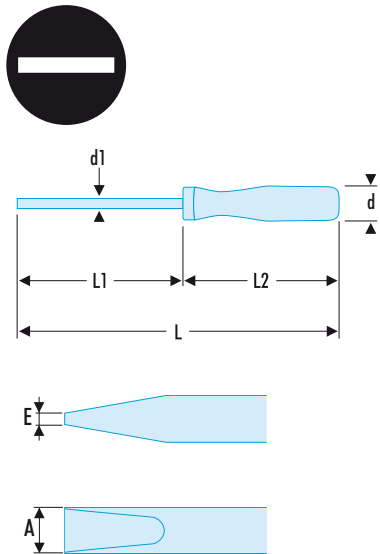


NF ISO 2380-1, NF ISO 2380-2, ISO 2380-1, ISO 2380-2, DIN ISO 2380-1, DIN ISO 2380-2, ASME B107.600

- Round blade milled for access to the bottom of the well.
- Finish: polished chromed.

	A [mm]	E [mm]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
AR.2X40	2,0	0,4	16	2,0 x 40	110	70	13,50
AR.2,5X50	2,5	0,4	16	2,5 x 50	120	70	15,00
AR.2,5X75	2,5	0,4	16	2,5 x 75	145	70	16,00
AR.3X75	3,0	0,5	16	3,0 x 75	145	70	17,50
AR.3,5X75	3,5	0,6	20,5	3,5 x 75	155	80	31,00
AR.3,5X100	4,0	0,8	20,5	3,5 x 100	180	80	33,00
AR.4X100	4,0	0,8	24	4,0 x 100	190	90	45,00
AR.4X150	4,0	0,8	24	4,0 x 150	240	90	50,00
AR.5,5X100	5,5	1,0	28	5,5 x 100	200	100	71,00
AR.5,5X150	5,5	1,0	28	5,5 x 150	250	100	80,00
AR.5,5X200	5,5	1,0	28	5,5 x 200	300	100	89,00
AR.6,5X100	6,5	1,2	30	6,5 x 100	210	110	102,00
AR.6,5X150	6,5	1,2	30	6,5 x 150	260	110	114,00
AR.6,5X200	6,5	1,2	30	6,5 x 200	310	110	226,00
AR.8X150	8,0	1,2	30	8,0 x 150	260	110	141,00

ARA - ISORYL screwdrivers for slotted-head screws - handle with clasp

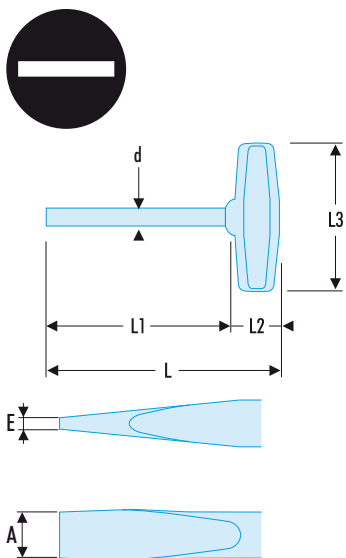


NF ISO 2380-1, NF ISO 2380-2, ISO 2380-1, ISO 2380-2, DIN ISO 2380-1, DIN ISO 2380-2, ASME B107.600

- Finish: polished chromed.

	A [mm]	E [mm]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
ARA.2,5X50	2,5	0,4	13	2,5 x 50	110	60	10
ARA.2,5X75	2,5	0,4	13	2,5 x 75	135	60	11
ARA.3,5X50	3,5	0,6	13	3,5 x 50	110	60	12
ARA.3,5X75	3,5	0,6	13	3,5 x 75	135	60	14

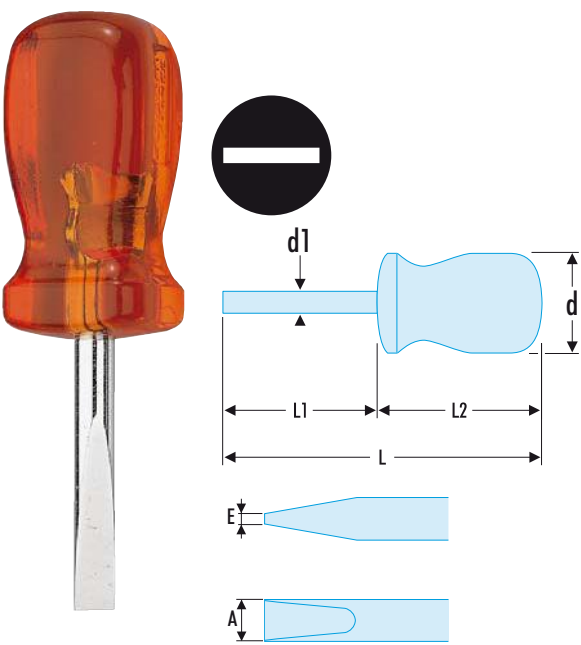
AGT - ISORYL screwdrivers for slotted-head screws - forged blade - T handle



- Transmits high torque.
- Finish: chromed.

	A [mm]	E [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	L3 [mm]	ΔΔ [g]
AGT.8X100	8	1,2	8 x 100	130	30	85	150
AGT.10X100	10	1,6	10 x 100	130	30	85	160

ARB - ISORYL screwdrivers for slotted-head screws - short blade



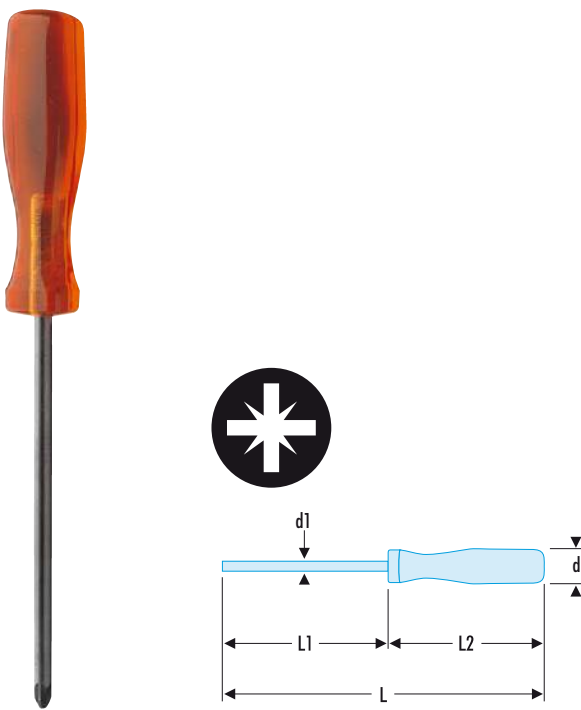
NF ISO 2380-1, NF ISO 2380-2, ISO 2380-1, ISO 2380-2, DIN ISO 2380-1, DIN ISO 2380-2, ASME B107.600

- For use in confined space.
- Finish: polished chromed.

	A [mm]	E [mm]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
ARB.4X40	4,0	0,8	29	4,0 x 40	90	50	38
ARB.5,5X40	5,5	1,0	29	5,5 x 40	90	50	39
ARB.6,5X40	6,5	1,2	29	6,5 x 40	90	50	42

ISORYL screwdrivers for Pozidriv® screws

AD - ISORYL screwdrivers for Pozidriv® screws

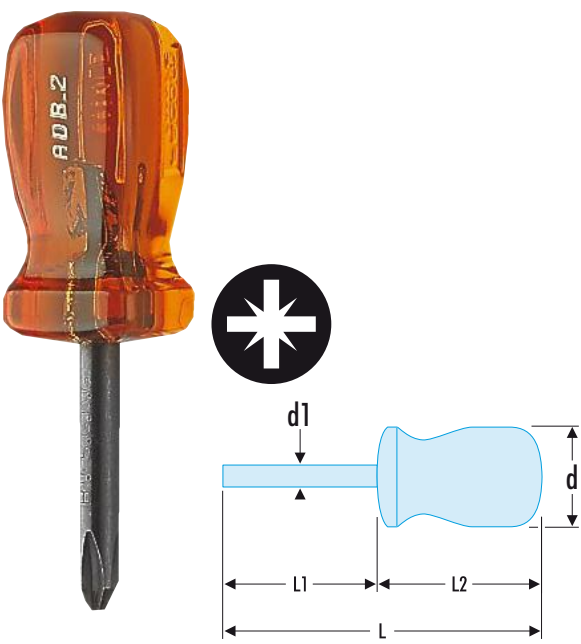


NF ISO 8764-1, NF ISO 8764-2, ISO 8764-1, ISO 8764-2, DIN ISO 8764-1, DIN ISO 8764-2, ASME B107.600

- High strength steel alloy blades.
- Finish: burnt.

	Pozidriv [No]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
AD.0X50	PZ0	20,5	4 x 50	130	95	31
AD.1X75	PZ1	24,0	4 x 75	165	95	55
AD.2X100	PZ2	28,0	6 x 100	200	95	77
AD.2X125	PZ2	28,0	6 x 125	225	63	81
AD.3X150	PZ3	30,0	8 x 150	260	63	142

ADB - ISORYL screwdrivers for Pozidriv® screws - short blade



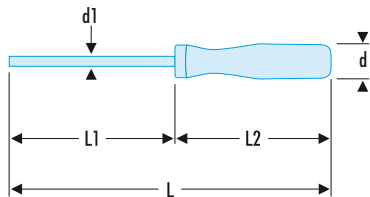
NF ISO 8764-1, NF ISO 8764-2, ISO 8764-1, ISO 8764-2, DIN ISO 8764-1, DIN ISO 8764-2, ASME B107.600

- For use in confined space.
- Finish: burnt.

	Pozidriv [No]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
ADB.1X40	PZ1	29	5 x 40	90	77	38
ADB.2X40	PZ2	29	6 x 40	90	77	44

ISORYL screwdrivers for Phillips® screws

AP - ISORYL screwdrivers for Phillips® screws

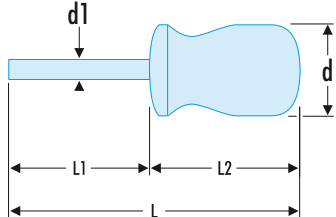


NF ISO 8764-1, NF ISO 8764-2, ISO 8764-1, ISO 8764-2, DIN ISO 8764-1, DIN ISO 8764-2, ASME B107.600

- Finish: chromed.

	Phillips [No]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
AP.0X50	PH0	20,5	4 x 50	130	80	31
AP.0X75	PH0	20,5	4 x 75	155	80	33
AP.1X75	PH1	24,0	5 x 75	165	90	55
AP.1X100	PH1	24,0	5 x 100	190	90	59
AP.2X100	PH2	28,0	6 x 100	200	100	77
AP.2X125	PH2	28,0	6 x 125	225	100	81
AP.3X150	PH3	30,0	8 x 150	260	110	142
AP.4X200	PH4	34,0	10 x 200	320	120	246

APB - ISORYL screwdrivers for Phillips® screws - short blade



NF ISO 8764-1, NF ISO 8764-2, ISO 8764-1, ISO 8764-2, DIN ISO 8764-1, DIN ISO 8764-2, ASME B107.600

- For use in confined space.
- Finish: chromed.

	Phillips [No]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
APB.0X40	PH0	29	4 x 40	90	50	33
APB.1X40	PH1	29	5 x 40	90	50	36
APB.2X40	PH2	29	6 x 40	90	50	40

Sets of wood handle screwdrivers

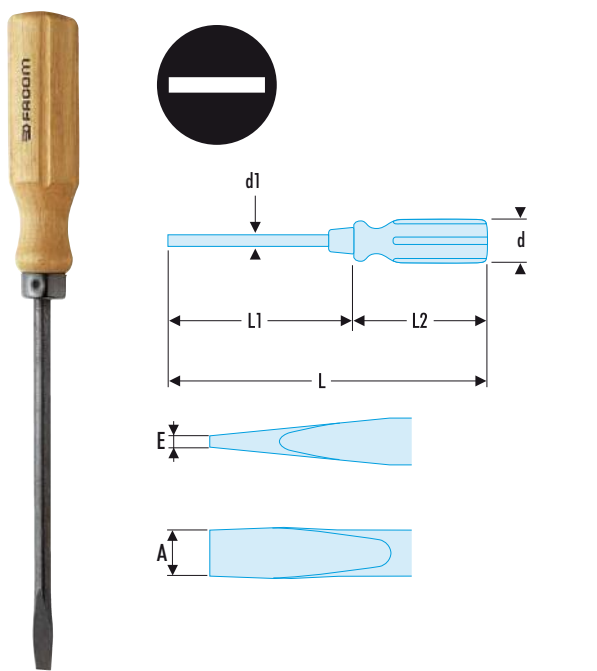
Sets of wood handle screwdrivers



	Organiser for	Content set	Quantity	ΔΔ [g]
ATH.JS5	Rack	ATH.5,5X100 - 6,5X100 - 8X150 - 8X175 - 10X200	5	837
ATHH.JS5	Rack	ATHH.5,5X100 - 6,5X125 - 8X150 - 10X175 - 12X200	5	952
ATHH.PJ3	Box	ATHH.P1 - P2 - P3	3	372
ATHH.J7	Box	ATHH.4X90 - 5,5X100 - 6,5X125 - 8X150 - 10X17 - 12X200 - 14X250	7	1262
AJT.2	Box	ATHH.5,5X100 - ATHH.6,5X125 - ATHH. 8X150 - ATHH.10X175 - ATHH.P1 - ATHH.P2 - ATHH.D1 - ATHH.D2	8	908

Wood handle screwdrivers for slotted head screws

ATH - Wood handle screwdrivers for slotted head screws - forged blade

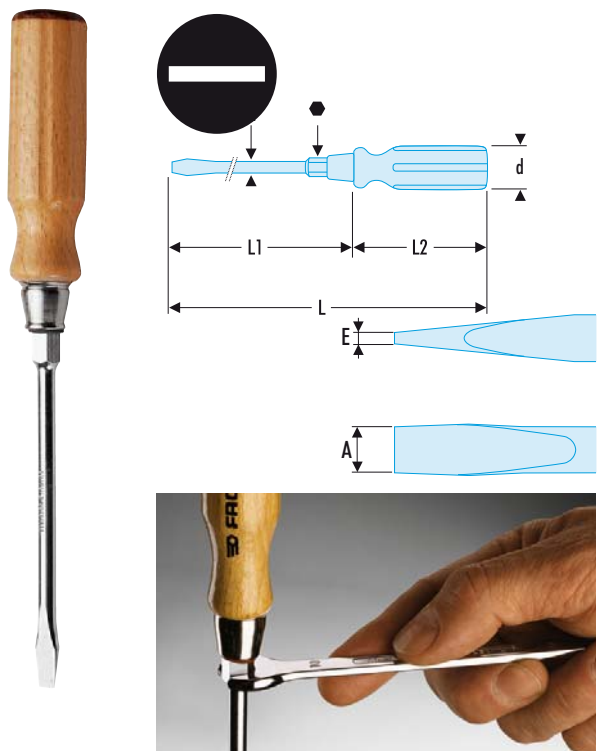


NF ISO 2380-1, NF ISO 2380-2, ISO 2380-1, ISO 2380-2, DIN ISO 2380-1, DIN ISO 2380-2, ASME B107.600

- Through blade allowing to "separate" locked screws by means of light impacts.
- Impact zone widened by metallic cap.
- Round blade forged and treated over its entire length.
- Handle-blade link by fins.
- Finish: burnt.

	A [mm]	E [mm]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
ATH.5,5X100	5,5	1,0	22	5 x 100	205	105	65
ATH.6,5X100	6,5	1,2	26	6 x 100	210	110	86
ATH.8X150	8,0	1,2	28	7 x 150	270	120	130
ATH.8EX175	8,0	1,6	32	7 x 175	305	130	177
ATH.10X200	10,0	1,6	32	9 x 200	330	130	222
ATH.12X250	12,0	2,0	32	10 x 250	380	130	335

ATHH - Wood handle screwdrivers for slotted head screws - hexagonal forged blade



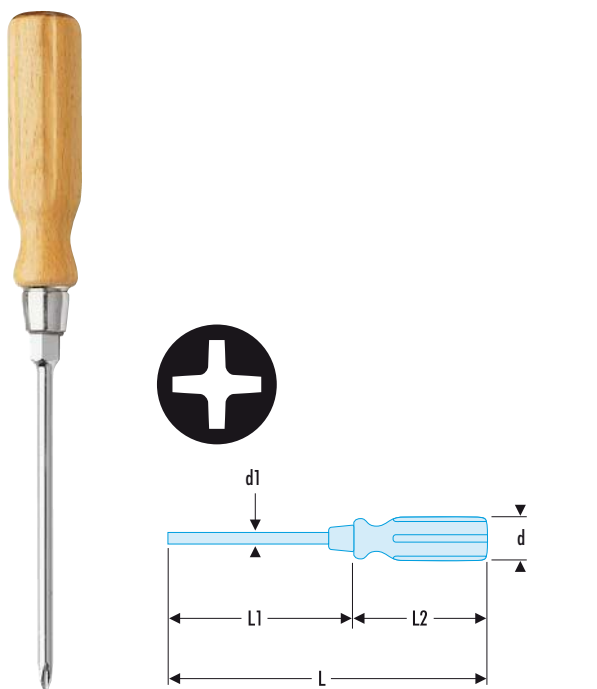
NF ISO 2380-1, NF ISO 2380-2, ISO 2380-1, ISO 2380-2, DIN ISO 2380-1, DIN ISO 2380-2, ASME B107.600

- Through blade allowing to "separate" locked screws by means of light impacts.
- Forged and treated hexagonal blade for locking or unlocking with a wrench.
- Handle-blade link by fins.
- On the blade side, the handle includes a crimped steel ferrule with dampener, at the opposite side, a copper ring protects wood from impacts.
- Finish: polished chromed.

	A [mm]	E [mm]	Φ [mm]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
ATHH.4X90	4,0	0,8	6	25	4,5 x 90	195	95	49
ATHH.5,5X100	5,5	1,0	8	25	5,5 x 100	200	100	58
ATHH.6,5X125	6,5	1,2	10	26	6,5 x 125	240	115	99
ATHH.6,5X175	6,5	1,2	10	26	6,5 x 175	290	115	110
ATHH.8X150	8,0	1,2	13	28	8,0 x 150	270	120	160
ATHH.10X175	10,0	1,6	13	30	9,0 x 175	300	125	207
ATHH.12X200	12,0	2,0	17	32	10,0 x 200	330	130	278
ATHH.14X250	14,0	2,5	17	32	10,0 x 250	385	135	331

Wood handle screwdrivers for cross-headed screws

ATHH.P - Wood handle screwdrivers for Phillips® screws - hexagonal blade

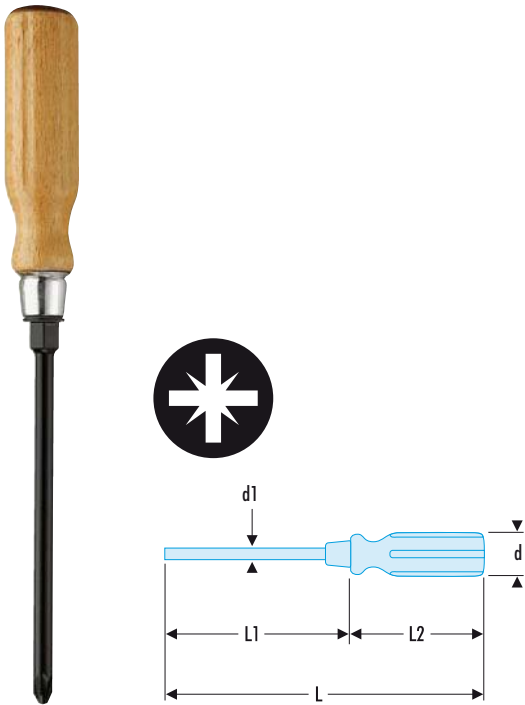


NF ISO 8764-1, NF ISO 8764-2, ISO 8764-1, ISO 8764-2, DIN ISO 8764-1, DIN ISO 8764-2, ASME B107.600

- Through blade allowing to "separate" locked screws by means of light impacts.
- Forged and treated hexagonal blade for locking or unlocking with a wrench.
- Handle-blade link by fins.
- On the blade side, the handle includes a crimped steel ferrule with dampener, at the opposite side, a copper ring protects wood from impacts.
- Finish: polished chromed.

	Phillips [No]	Φ [mm]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
ATHH.P1	PH1	8	25	5 x 100	200	100	60
ATHH.P2	PH2	10	26	6 x 125	235	110	92
ATHH.P3	PH3	13	28	8 x 150	270	120	160

ATHH.D - Wood handle screwdrivers for Pozidriv® screws - hexagonal blade



NF ISO 8764-1, NF ISO 8764-2, ISO 8764-1, ISO 8764-2, DIN ISO 8764-1, DIN ISO 8764-2, ASME B107.600

- Through blade allowing to "separate" locked screws by means of light impacts.
- Forged and treated hexagonal blade for locking or unlocking with a wrench.
- Handle-blade link by fins.
- On the blade side, the handle includes a crimped steel ferrule with dampener, at the opposite side, a copper ring protects wood from impacts.
- Finish: polished chromed.

	Pozidriv [No]	6 [mm]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
ATHH.D1	PZ1	8	25	5 x 100	200	100	60
ATHH.D2	PZ2	10	26	6 x 125	240	115	92
ATHH.D3	PZ3	13	28	8 x 150	270	120	160

Multiblade screwdrivers

AM - PROTWIST® multi-blade screwdriver sets



- Several screwing patterns in a small footprint.
- Each blade has two useful tips.
- bi-material ergonomic handle for comfortable and reliable screwing.
- The handle drives the blades by the 6-point 1/4" drive.
- A spring holds the blades in the handle.
- Packaging:
 - AM.1: plastic box BP.112.
 - AM.2 - AM.3 - AM.4: compact bag.

	A fente [No]	Phillips [No]	Pozidriv [No]	Torx [No]	Resistorx [No]	Knob	Quantity	ΔΔ [g]
AM.1	AMZ.S3,5 - 4 - AMZ.S5,5 - 6,5	AMZ.P0-1 - AMZ.P2-3	AMZ.D0-1 - AMZ.D2-3	AMZ.X10-15 - AMZ.X20-25 - AMZ.X30-40	-	AM.D	16	775
AM.2	AMZ.S3,5 - 4 - AMZ.S5,5 - 6,5	AMZ.P1-2	AMZ.D1-2	-	-	AM.D	5	350
AM.3	AMZ.S3,5 - 4 - AMZ.S5,5 - 6,5	AMZ.P1-3	-	AMZ.X10-15 - AMZ.X20-25 - AMZ.X30-40	-	AM.D	7	450
AM.4	AMZ.S3,5 - 4 - AMZ.S5,5 - 6,5	-	-	-	AMZ.XRP10-15 - AMZ.XRP10-15 - AMZ.XRP27-30	AM.D	6	350

AMZ - Reversible blades



- 1/4" hexagonal reversible blade.
- Length: 175 mm.
- Handle out length: 125 mm.
- Finish: chromed.

	Content set	ΔΔ [g]
AMZ.S3,5-4	Slotted-head: 0,6 x 3,5 - 0,8 x 4	40
AMZ.S5,5-6,5	Slotted-head: 1,0 x 5,5 - 1,2 x 6,5	40
AMZ.P0-1	PH0 - PH1	40
AMZ.P2-3	PH2 - PH3	40
AMZ.P1-2	PH1 - PH2	40
AMZ.D0-1	PZ0 - PZ1	40
AMZ.D2-3	PZ2 - PZ3	40
AMZ.D1-2	PZ1 - PZ2	40
AMZ.H2,5	6-point : 2,5	40
AMZ.H3	6-point : 3,0	40
AMZ.H4	6-point : 4,0	40
AMZ.H5	6-point : 5,0	40
AMZ.H6	6-point : 6,0	40
AMZ.X8-9	T8 - T9	40
AMZ.X10-15	T10 - T15	40
AMZ.X20-25	T20 - T25	40
AMZ.X30-40	T30 - T40	40
AMZ.XRP10-15	IPR TT+ 10-15	40
AMZ.XRP20-25	IPR TT+ 20-25	40
AMZ.XRP27-30	IPR TT+ 27-30	40
AMZ.E	Bit holder 6-point 1/4"	40

ACL.2 PROTWIST® ratchet blade holder handle



- High quality 45-teeth ratchet = fast screwing, accuracy, strength and longevity.
- 3-position bush: screwing, unscrewing and locking.
- Storage handle to store the additional eight bits (not supplied).
- Cap can be used as mini bit holder for use in confined spaces.
- Partially hollow handle to store more bits or screws.
- Bi-material ergonomic handle for comfortable and reliable screwing.
- Very low blade return torque.
- Hexagonal - 1/4" drive.

AM.D PROTWIST® reversible blade holder handle



- Bi-material ergonomic handle for comfortable and reliable screwing.
- Hexagonal - 1/4" drive.
- Length: 133 mm.
- Diameter: 35 mm.
- Weight: 100 g.

AMR "Radio" model multiblade screwdrivers

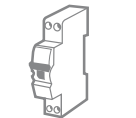


- Length with blade: 105 mm.
- Supplied with 3 blades for slotted-head screws, diam. 1.5 - 2 - 2.5 mm, stored in the handle.
- Finish: polished chromed.
- Weight: 14 g.

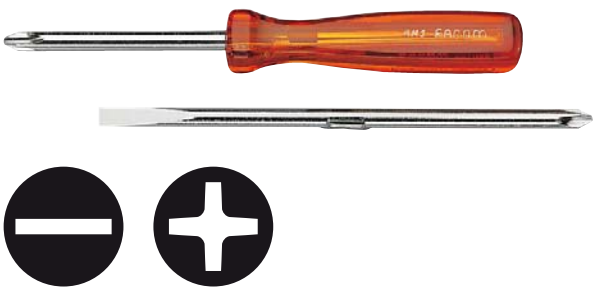
AMJ "Junior" model multiblade screwdrivers



- Length with blade: 150 mm.
- Supplied with 3 blades for slotted-head screws, diam. 3.5 - 4 - 5.5 mm, stored in the handle.
- Finish: polished chromed.
- Weight: 57 g.



AMS "Standard" model multiblade screwdrivers



- Length with blade: 165 mm.
- Supplied in roll, with 2 reversible blades:
 - Slotted head screws, diam. 5.5 mm and Phillips® no.1.
 - Slotted head screws, diam. 6.5 mm and Phillips® no.2.
- Finish: polished chromed.
- Weight: 101 g.

Bit-holding screwdrivers

RATCHET BIT DRIVERS

Ergonomic bi-material Protwist® grip

- Comfort of use.

Storage compartment

- Partly hollow handle for storing additional bits or screws.

High quality

- 45 tooth mechanism, 3 positions, low return torque.

Chrome finished blade 100 mm

- Resistance to corrosion and access.
- Knurled zone for fast blade screwing.

Powerful magnetic adaptor

- Holds the bit and screw.

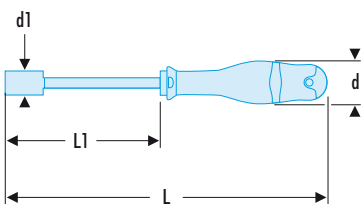


PROTWIST® ratchet blade holder screwdriver + 15 bits

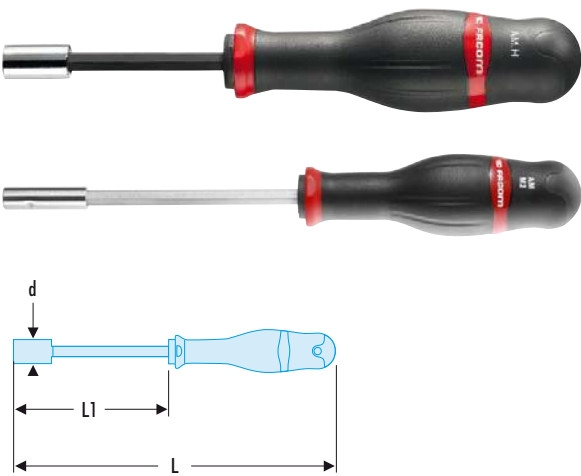


- High quality 45-teeth ratchet = fast screwing, accuracy, strength and longevity.
- 3-position bush: screwing, unscrewing and locking (hand selection).
- Storage cap for charger.
- Cap can be used as mini bit holder for use in confined spaces.
- Partially hollow handle to store more bits or screws.
- bi-material ergonomic handle for comfortable and reliable screwing.
- Very low blade return torque.
- Powerful magnetic adapter allowing the magnet to hold the bit and screw.
- Magnetised central storage of chargers serves as additional mini bit holder.
- Including 2 chargers:
 - 1 charger containing 7 screw bits + 1 separate: for slotted head screw 4 - 6.5; Phillips® screws PH.1 - PH.2; Pozidriv® screws PZ.1 - PZ.2; hollow hex screws 4 - 6).
 - 1 transparent charger containing 7 Resistorx bits EXR.110 - EXR.115 - EXR.120 - EXR.125 - EXR.127 - EXR.130 - EXR.140.

	d [mm]	d1 [mm]	L [mm]	L1 [mm]
ACL.1A	34	10	225	120



AM - PROTWIST® bit holder screwdriver



- Bi-material ergonomic handle for comfortable and reliable screwing.
- AM.H: Snap-ring model.
- AM.M1: Short magnetic model.
- AM.M2: Long magnetic model.

	d [mm]	L [mm]	L1 [mm]	ΔΔ [g]
AM.H	11	180	75	80
AM.M1	10	180	63	120
AM.M2	10	245	125	150

AAM.PE Automatic screwdriver with hex 1/4" bit holder



- For long thread screws, reduces screwing and unscrewing times by one third.
- Fast chuck for screwing bits series 1: 1/4" (6.35 mm).
- Ratchet with 3 positions: screwing, unscrewing, locking.
- Bush locking the helical shaft in the retracted position.
- Length: open, 305 mm; closed, 230 mm.
- Finish: polished chromed.
- Weight: 345 g.

Voltage-tester screwdrivers

AV.BT - Very low voltage detector screwdrivers



- For very low voltage.
- 2 models:
 - AV.BT1: Standard model.
 - AV.BT2: Model with clasp.
- Supplied with 50 cm wire with plug and alligator clip.

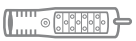
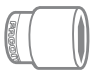
	d [mm]	L [mm]	Blade Length [mm]	Voltage\Volt	ΔΔ [g]
AV.BT1	4	196	104	6 - 24	53
AV.BT2	3	138	53	6 - 24	27

AV.HT - Low voltage detector screwdrivers



- AV.HT1B: Standard model.
- AV.HT2B: Model with clasp.

	d [mm]	L [mm]	Blade Length [mm]	Voltage\Volt	ΔΔ [g]
AV.HT1B	3,5	190	100	90 - 480	45
AV.HT2B	3,0	140	62	110 - 250	20



Magnetiser - Demagnetiser

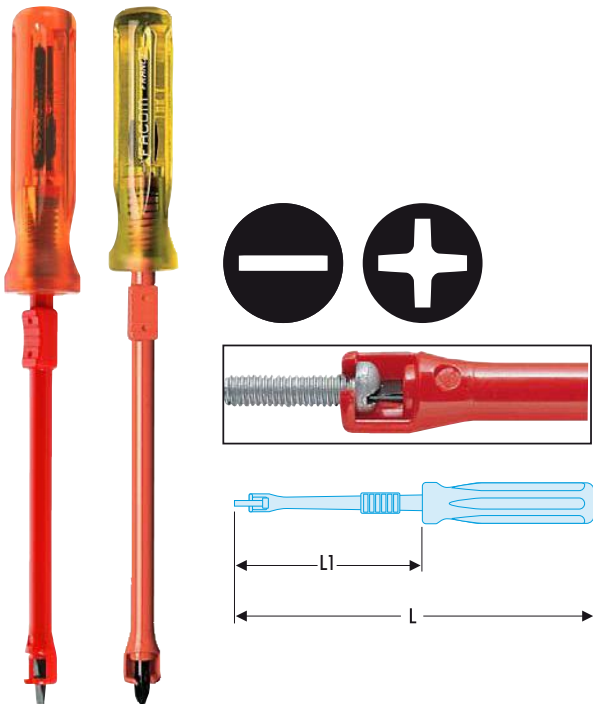
837 Magnetiser - Demagnetiser



- Magnetiser the screwdriver to hold the screw in place.
 - Demagnetises the screwdriver after use.
- Weight: 73 g.

Screw holder

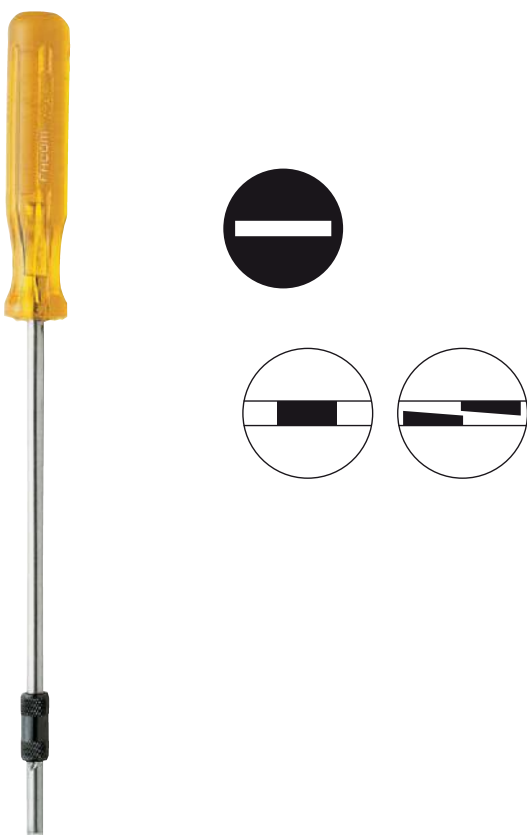
AFR - AFP - Screw holder screwdrivers



- For slotted and Phillips® head.
- Screw holder and screwing with the same tool.
- The guide is moved with the thumb, the spring holds the screw on the blade.

	A [mm]	E [mm]	Phillips [No]	L [mm]	L1 [mm]	ΔΔ [g]
AFR.3X100	3	0,5	-	190	100	37
AFR.4X125	4	0,6	-	225	125	64
AFR.5X150	5	0,7	-	260	150	95
AFP.1	-	-	PH1	260	150	96
AFP.2	-	-	PH2	285	175	118

AF Screw holder screwdrivers for slotted-head screws



- For slotted head screws 0.5 --> 1.5 mm.
 - Sliding bush to lock the two angle half-blades in the screw slotted head.
 - Screwdriver required for susequent tightening or loosening.
 - Blade length: 150 mm.
 - Total length: 240 mm.
- Weight: 56 g.

AFU - Screw holder for slotted-head screws



- Bush rotation secures the blade in the screw slotted head.
- Finely knurled steel handle.
- AFU.2 is fitted with a magnet at the end of the handle.

	A [mm]	E [mm]	L [mm]	ΔΔ [g]
AFU.0	3,8	0,5	135	18
AFU.1	7,0	0,8	130	18
AFU.2	7,0	0,8	300	31

AFUX - Screw holder for Phillips® screws

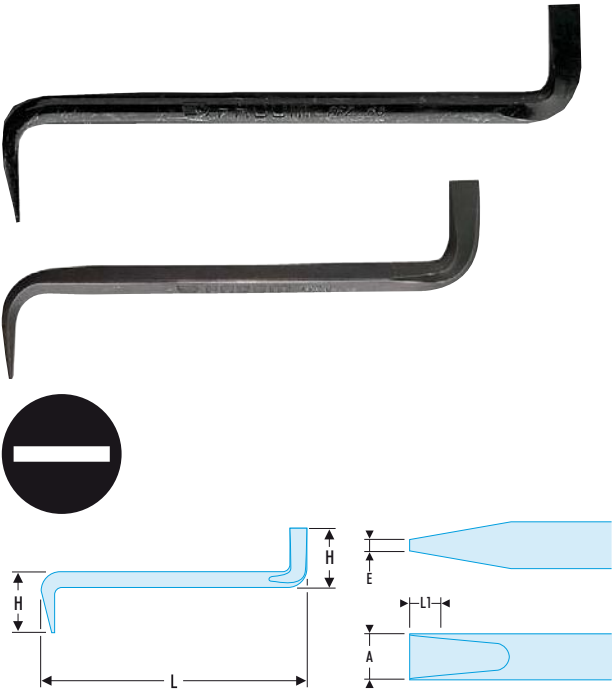


- Bush rotation secures the blade in the screw head.
- Finely knurled steel handle.
- AFUX.2 is fitted with a magnet at the end of the handle.

	Phillips [No]	L [mm]	ΔΔ [g]
AFUX.1	PH1	130	23
AFUX.2	PH2	235	39

Angled screwdrivers

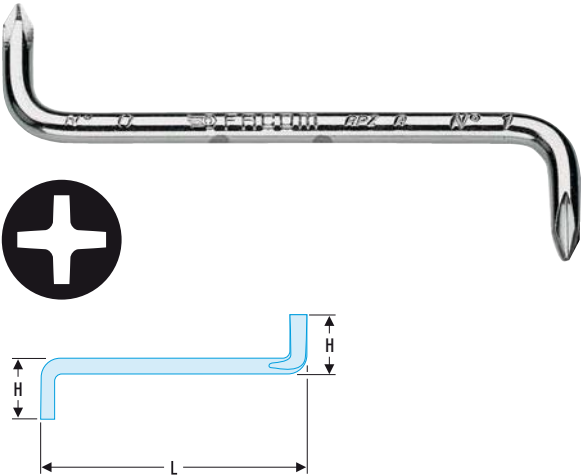
ARZ - AKZ - Angled screwdrivers - for slotted-head screws



- DIN 5000
- ARZ round blade.
 - AKZ square blade.
 - Two ends in two planes at 90°.
 - Operating by quarter turn flip.
 - Finish: burnt.

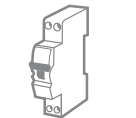
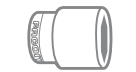
	A [mm]	E [mm]	L [mm]	L1 [mm]	H [mm]	ΔΔ [g]
ARZ.4	4,0	0,8	86	0,5	13,0	10
ARZ.5,5	5,5	1,0	95	0,6	14,0	19
ARZ.6,5	6,5	1,2	110	0,7	16,0	31
AKZ.6	8,0	1,2	123	0,7	17,5	38
AKZ.8	10,0	1,6	175	1,0	20,0	92

APZ - Angled screwdrivers - for Phillips® screws



- DIN 5008
- A different head at each end.
 - For use in confined space.
 - Finish: chromed.

	Phillips [No]	L [mm]	H [mm]	ΔΔ [g]
APZ.A	PH0 - PH1	86	18	17
APZ.B	PH1 - PH2	142	20	40
APZ.C	PH3 - PH4	205	22	138



Wallet of keys

FACOM KEYS

Strong and durable:

- Silicon alloy, for strength and wear resistance.

Guaranteed safe:

- Precise, constant heat treatment controls the hardness of the key, to ensure that, if overloaded, it will fail by twisting before breaking cleanly and without splintering.

Perfect fit in the screw:

- Keys cut, not sheared, to give a clean, regular face.

A comprehensive range

- Hexagon keys available in three lengths, with standard and spherical heads (series 82 and 83).
- Torx® and Resistorx® keys (series 89).
- Special pattern keys: XZN®, groove sockets and Bristol (series 80, 81 and 85).
- Hexagonal tee-handle keys (series 84 TC).
- Hexagonal and Torx® tee-handled nut spinners (series 84TZ and 89TX).
- Protwist® hexagonal and spherical head nut spinners (series AWHH and AWSH).

... and tool holders to suit every need.

- JP sleeve sets of hexagonal and Torx® keys.
- Multi-blade hexagonal and Torx® drivers.
- Ring, wallet or module sets.



“EASY LOCK SYSTEM” sleeve

Full access to each key

- Access to each key regardless of the position of the others.
- Easy tool storage and selection.
- Flat sleeve-case, hinged flap.

Constant key holding over time

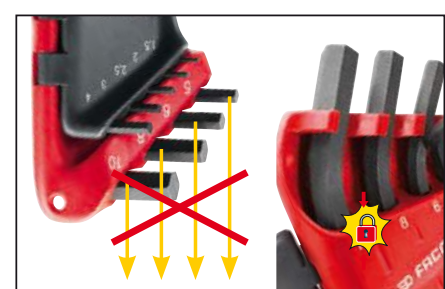
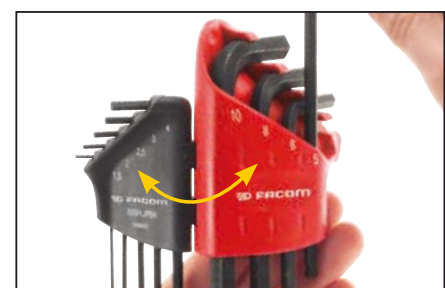
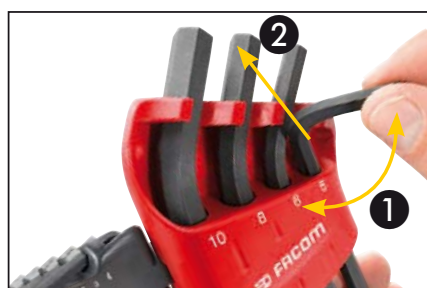
- Positive key locking even when sleeve worn.
- No risk of losing keys.

Convenient hanging hole

- Offset position of the fastening hole.

Strong and durable

- Elastomer chosen for its wear resistance, good durability and its resistance to chemicals and weather variations.



JP - Set of hexagon keys in wallet



- Keys are packaged in a compact wallet for easy selection of the dimension required.
 - Sets available in 4 types of keys:
 - 82H: Short keys.
 - 83H: Long keys.
 - 83SH: Spherical head long keys.
 - 83S.L: Spherical head extra-long keys.
- JP = metric key sets
JPU = inch key sets.

	6-point [mm]	Wrench	ΔΔ [g]
82H.JP9A	1,5 - 2,0 - 2,5 - 3,0 - 4,0 - 5,0 - 6,0 - 8,0 - 10,0	82H	260
82H.JP8AU	3/32 - 1/8 - 5/32 - 3/16 - 7/32 - 1/4 - 5/16 - 3/8	82H	235
83H.JP9A	1,5 - 2,0 - 2,5 - 3,0 - 4,0 - 5,0 - 6,0 - 8,0 - 10,0	83H	350
83SH.JP7	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6	83SH	290
83SH.JP9A	1,5 - 2,0 - 2,5 - 3,0 - 4,0 - 5,0 - 6,0 - 8,0 - 10	83SH	380
83SH.JPA	1,5 - 2,0 - 2,5 - 3,0 - 4,0 - 5,0 - 6,0 - 8,0	83SH	270
83SH.JPAA	1,5 - 2,0 - 2,5 - 3,0 - 4,0 - 5,0 - 6,0 - 8,0	83SH	270
83SH.JP6U	3/32 - 1/8 - 5/32 - 3/16 - 7/32 - 1/4	83SH	300
83SH.JP8AU	3/32 - 1/8 - 5/32 - 3/16 - 7/32 - 1/4 - 5/16 - 3/8	83SH	365
83S.JP9AL	1,5 - 2,0 - 2,5 - 3,0 - 4,0 - 5,0 - 6,0 - 8,0 - 10,0	83S.L	350

83R.JP6 Set of 6 keys for 6-point safety screws



- Keys are packaged in a compact wallet for easy selection of the dimension required.
 - The wallet contains the dimensions: 2 - 2.5 - 3 - 4 - 5 - 6 mm.
- Weight: 350 g.

89.JP - Set of Torx® keys in wallet



- Compliant with Torx® and Resistorx® specifications.
- Keys are packaged in a compact wallet for easy selection of the dimension required.
- Sets available in 4 types of keys:
 - 89: Torx® keys.
 - 89L: Long Torx® keys.
 - 89R: Resistorx® keys.
 - 89S: Long - spherical heads.

	Torx [No]	Wrench	ΔΔ [g]
89.JP6	T10 - T15 - T20 - T25 - T30 - T40	89	230
89.JP8A	T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45	89	330
89.JP8AL	T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45	89L	360
89R.JP6	T10 - T15 - T20 - T25 - T30 - T40	89R	220
89S.JP8A	T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45	89S	260

Sleeve-sets of keys

MULTI-BLADE HANDLE

POWERFUL AND ERGONOMIC

90° stop

Provides positive leverage for safe and powerful rotation.

Blade at 180°.

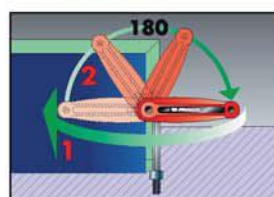
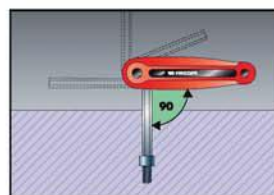
For fast pre-tightening in "screwdriver" position.

Holder swings 180°.

For fast re-positioning without removing the blade from the fastener.

Composite construction

- Metal frame for 30 % more strength.
- Resin side pieces for comfortable handling.
- For hexagon and Torx® keys.



86H - Hexagon keys on sleeve



- Very compact sleeve.
- Positive grip.
- Keys on 90° end stop for tightening.
- Keys in silicon steel issued from series 82H.
- Finish: phosphate-coated.

	 [mm]	 ["]	d [mm]	d1 [mm]	L [mm]	L1 [mm]	$\Delta\Delta$ [g]
86H.JE7A	2,5 - 3,0 - 4,0 - 5,0 - 6,0 - 8,0 - 10,0	-	30	24	138	32	405
86H.JE7B	1,5 - 2,0 - 2,5 - 3,0 - 4,0 - 5,0 - 6,0	-	22	18	118	28	147
86H.JU6	-	-	30	24	138	32	420
86H.JU7	-	-	22	18	118	28	142

89.JM - Hexagon Torx® keys on sleeve



- Compliant with Torx® and Resistorx® specifications.
- Highly compact sleeve, positive grip.
- 89A.JM8: Torx® (T).
- 89R.JM8: Resistorx® (TT).

	Torx [No]	d [mm]	d1 [mm]	L [mm]	L1 [mm]	H [mm]	$\Delta\Delta$ [g]
89A.JM8	T8 - 10 - 15 - 20 - 25 - 27 - 30 - 40	30	24	138	32	34 x 83,5	170
89R.JM8	TT8 - 10 - 15 - 20 - 25 - 27 - 30 - 40	30	24	138	32	37 x 88,5	160

Key ringsets

87H - Long hexagon key ringsets



NF ISO 2936, ISO 2936, DIN ISO 2936, ASME B18.3.2M

- Keys from series 83H.
- Silicon steel.
- Finish: phosphate-coated.

	⌀ [mm]	ΔΔ [g]
87HLJE8	1,5 - 2,0 - 2,5 - 3,0 - 4,0 - 5,0 - 6,0 - 8,0	150
87HLJU8	5/64 - 3/32 - 1/8 - 5/32 - 3/16 - 7/32 - 1/4 - 5/16	175

87H - Short hexagon key ringsets



NF ISO 2936, ISO 2936, DIN ISO 2936, ASME B18.3.2M

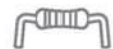
- Keys from series 82H.
- Silicon steel.
- Finish: phosphate-coated.

	⌀ [mm]	⌀ ["]	ΔΔ [g]
87HJE8	1,5 - 2,0 - 2,5 - 3,0 - 4,0 - 5,0 - 6,0 - 8,0	-	150
87HJU8	-	5/64 - 3/32 - 1/8 - 5/32 - 3/16 - 7/32 - 1/4 - 5/16	175

89.JA8 Torx® key ringsets



- Compliant with Torx® specifications.
 - Includes the 8 Torx® keys no.: T8 - T10 - T15 - T20 - T25 - T27 - T30 - T40.
- Weight: 107 g.



Key sets in bag

■ JL - JU - Set of hexagon keys in roll



- 82H: Short keys.
 - 83H: Long keys.
 - 83SH: Spherical head long keys.
- JL = metric key sets.
JU = inch key sets.

	⌀ [mm]	⌀ ["]	Wrench	ΔΔ [g]
82H.JE10	0,9 - 1,5 - 2,0 - 2,5 - 3,0 - 3,5 - 4,0 - 4,5 - 5,0 - 6,0	-	82H	122,000
82H.JL10	2,0 - 2,5 - 3,0 - 4,0 - 5,0 - 6,0 - 7,0 - 8,0 - 9,0 - 10,0	-	82H	433,000
82H.JL12	1,5 - 2,0 - 2,5 - 3,0 - 4,0 - 5,0 - 6,0 - 7,0 - 8,0 - 9,0 - 10,0 - 12,0	-	82H	600,000
82H.JL13	3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 14 - 17 - 19	-	82H	2220,000
82H.JU7	-	0,028 - 0,035 - 0,050 - 3/64 - 1/16 - 5/64 - 3/32	82H	0,151
82H.JU10	-	1/16 - 5/64 - 3/32 - 1/8 - 3/32 - 3/16 - 7/32 - 1/4 - 5/16 - 3/8	82H	433,000
82H.JU13	-	3/32 - 1/8 - 5/32 - 3/16 - 7/32 - 1/4 - 5/16 - 3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 3/4	82H	2080,000
83H.JL10	2,0 - 2,5 - 3,0 - 4,0 - 5,0 - 6,0 - 7,0 - 8,0 - 9,0 - 10,0	-	83H	585,000
83H.JL12	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 12	-	83H	810,000
83H.JL13	3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 14 - 17 - 19	-	83H	3040,000
83H.JU10	-	1/16 - 5/64 - 3/32 - 1/8 - 5/32 - 3/16 - 7/32 - 1/4 - 5/16 - 3/8	83H	440,000
83SH.JL10	2,0 - 2,5 - 3,0 - 4,0 - 5,0 - 6,0 - 7,0 - 8,0 - 9,0 - 10,0	-	83SH	585,000
83SH.JL12	1,5 - 2,0 - 2,5 - 3,0 - 4,0 - 5,0 - 6,0 - 7,0 - 8,0 - 9,0 - 10,0 - 12,0	-	83SH	810,000
83SH.JU8	-	3/32 - 1/8 - 5/32 - 3/16 - 7/32 - 1/4 - 5/16 - 3/8	83SH	435,000

■ 89.JL - Set of Torx® keys in roll

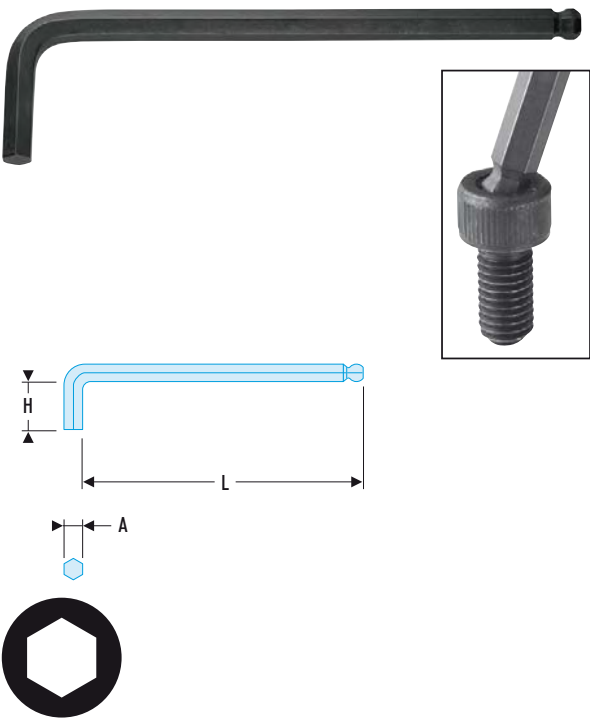


- Compliant with Torx® specifications.

	Torx [No]	Wrench	ΔΔ [g]
89.JL8	8 - 10 - 15 - 20 - 25 - 27 - 30 - 40	89	110
89.JL12	7 - 8 - 9 - 10 - 15 - 20 - 25 - 27 - 30 - 40 - 45 - 50	89	271

Hexagon keys

83SH - Long metric keys - spherical head

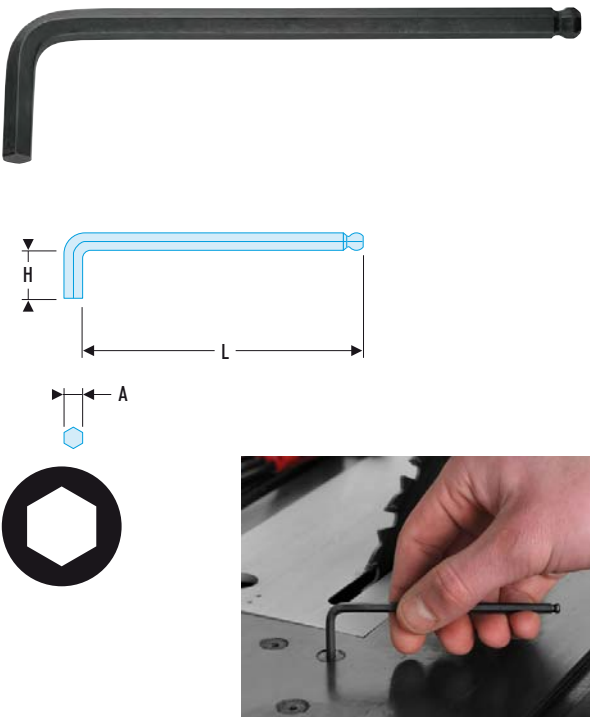


NF ISO 2936, ISO 2936, DIN ISO 2936, ASME B18.3.2M

- Manufactured in silicon steel.
- The spherical head allows to handle screws with a tilt angle up to 30°.
- Finish: phosphate-coated.

	A [mm]	L [mm]	H [mm]	ΔΔ [g]
83SH.1,5	1,5	62	14	1
83SH.2	2,0	75	16	2
83SH.2,5	2,5	85	18	4
83SH.3	3,0	90	20	7
83SH.4	4,0	100	25	15
83SH.5	5,0	115	28	24
83SH.6	6,0	135	32	42
83SH.7	7,0	140	34	57
83SH.8	8,0	150	36	80
83SH.9	9,0	160	38	110
83SH.10	10,0	170	40	140
83SH.12	12,0	190	45	225

83SH - Long inch keys - spherical head

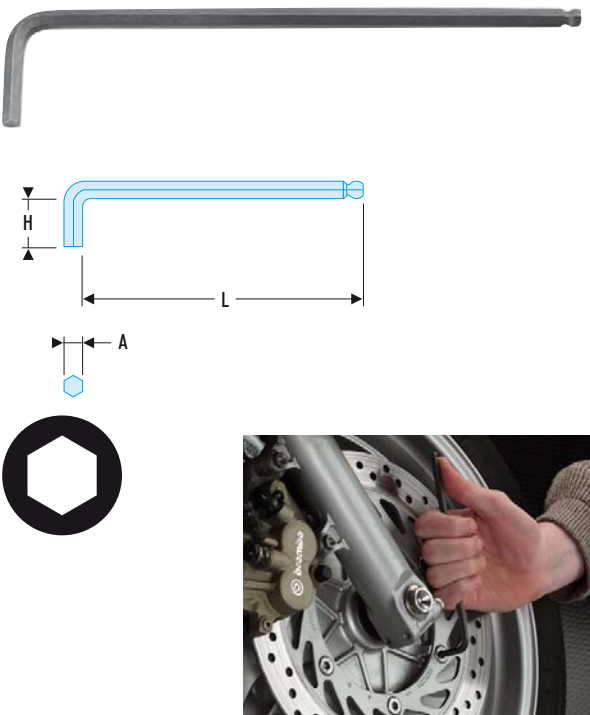


ASME B18.3

- Manufactured in silicon steel.
- The spherical head allows to handle screws with a tilt angle up to 30°.
- Finish: phosphate-coated.

	A ["]	L [mm]	H [mm]	ΔΔ [g]
83SH.3/32	3/32	85	17	4
83SH.1/8	1/8	90	20	7
83SH.5/32	5/32	100	25	13
83SH.3/16	3/16	115	28	22
83SH.7/32	7/32	135	32	34
83SH.5/16	5/16	150	36	80
83SH.3/8	3/8	170	38	128

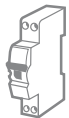
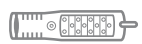
83S.L - Extra long keys - spherical head



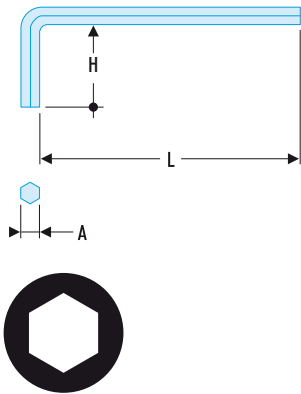
NF ISO 2936, ISO 2936, DIN ISO 2936, ASME B18.3.2M

- Higher lengths: more lever, higher power, improved line access.
- Finish: phosphate-coated.

	A [mm]	L [mm]	H [mm]	ΔΔ [g]
83S.2L	2,0	100	16	4
83S.2,5L	2,5	111	18	6
83S.3L	3,0	124	20	10
83S.4L	4,0	138	25	20
83S.5L	5,0	159	28	36
83S.6L	6,0	179	32	58
83S.8L	8,0	198	36	115
83S.10L	10,0	221	40	200



83H - Long metric keys

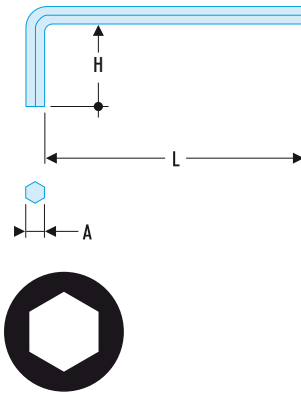


NF ISO 2936, ISO 2936, DIN ISO 2936, ASME B18.3.2M

- Manufactured in silicon steel.
- Finish: phosphate-coated.

	A [mm]	L [mm]	H [mm]	ΔΔ [g]
83H.1,5	1,5	62	14	1
83H.2	2,0	75	16	2
83H.2,5	2,5	85	18	4
83H.3	3,0	90	20	7
83H.3,5	3,5	95	25	10
83H.4	4,0	100	25	15
83H.4,5	4,5	110	26	18
83H.5	5,0	115	28	24
83H.6	6,0	135	32	42
83H.7	7,0	140	34	57
83H.8	8,0	150	36	80
83H.9	9,0	160	38	110
83H.10	10,0	170	40	140
83H.11	11,0	180	42	180
83H.12	12,0	190	45	225
83H.13	13,0	200	50	286
83H.14	14,0	215	56	361
83H.15	15,0	225	58	435
83H.16	16,0	235	60	515
83H.17	17,0	245	63	602
83H.18	18,0	255	66	713
83H.19	19,0	265	70	830
83H.22	22,0	275	80	1010
83H.23	23,0	285	85	1160
83H.24	24,0	299	90	1310
83H.27	27,0	315	100	1380
83H.32	32,0	64	125	1470

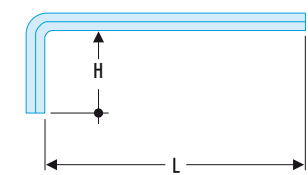
83H - Long inch keys



- Manufactured in silicon steel.
- Finish: phosphate-coated.

	A ["]	L [mm]	H [mm]	ΔΔ [g]
83H.050	0,50	62	14	0,80
83H.3/64	3/64	58	14	1,00
83H.1/16	1/16	62	13	2,00
83H.5/64	5/64	75	16	3,00
83H.3/32	3/32	85	17	4,00
83H.7/64	7/64	90	18	5,00
83H.1/8	1/8	90	20	7,00
83H.9/64	9/64	95	22	10,00
83H.5/32	5/32	100	25	13,00
83H.3/16	3/16	115	28	22,00
83H.7/32	7/32	135	32	34,00
83H.1/4	1/4	140	32	46,00
83H.5/16	5/16	150	36	80,00
83H.3/8	3/8	170	38	128,00
83H.7/16	7/16	180	42	186,00
83H.1/2	1/2	190	45	263,00
83H.9/16	9/16	215	56	376,00

82H - Short metric keys

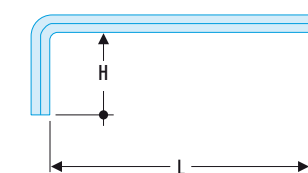


NF ISO 2936, ISO 2936, DIN ISO 2936, ASME B18.3.2M

- Manufactured in silicon steel.
- Finish: phosphate-coated.

82H	A [mm]	L [mm]	H [mm]	ΔΔ [g]
82H.0,9	0,9	38	12	0,30
82H.1,3	1,3	45	13	0,70
82H.1,5	1,5	45	13	0,90
82H.2	2,0	50	16	2,00
82H.2,5	2,5	62	17	3,00
82H.3	3,0	65	20	5,00
82H.3,5	3,5	66	22	8,00
82H.4	4,0	70	25	10,00
82H.4,5	4,5	75	26	15,00
82H.5	5,0	80	28	20,00
82H.6	6,0	90	32	30,00
82H.7	7,0	95	34	45,00
82H.8	8,0	100	36	60,00
82H.9	9,0	105	38	80,00
82H.10	10,0	112	40	100,00
82H.11	11,0	118	42	130,00
82H.12	12,0	125	45	165,00
82H.13	13,0	135	50	205,00
82H.14	14,0	140	55	260,00
82H.15	15,0	150	58	310,00
82H.16	16,0	154	60	370,00
82H.17	17,0	160	63	440,00
82H.18	18,0	170	66	540,00
82H.19	19,0	180	70	640,00
82H.22	22,0	200	80	950,00
82H.23	23,0	210	85	1100,00
82H.24	24,0	224	90	1250,00
82H.27	27,0	250	100	1300,00
82H.32	32,0	315	125	1420,00

82H - Short inch keys



- Manufactured in silicon steel.
- Finish: phosphate-coated.

82H	A ["]	L [mm]	H [mm]	ΔΔ [g]
82H.028	0,28	33	10	0,30
82H.050	0,50	38	12	0,40
82H.3/64	3/64	38	12	0,50
82H.1/16	1/16	45	13	0,70
82H.5/64	5/64	50	16	2,00
82H.3/32	3/32	62	17	3,00
82H.7/64	7/64	60	18	4,00
82H.1/8	1/8	65	20	6,00
82H.9/64	9/64	66	22	8,00
82H.5/32	5/32	70	25	10,00
82H.3/16	3/16	80	28	16,00
82H.7/32	7/32	90	32	24,00
82H.1/4	1/4	90	32	33,00
82H.5/16	5/16	100	36	59,00
82H.3/8	3/8	112	40	90,00
82H.7/16	7/16	118	42	135,00
82H.1/2	1/2	125	45	202,00
82H.9/16	9/16	140	55	273,00
82H.5/8	5/8	160	60	383,00
82H.11/16	11/16	170	63	540,00
82H.3/4	3/4	175	70	623,00
82H.7/8	7/8	200	80	955,00
82H.1'	1'	235	90	1450,00

Stainless steel hexagon keys

STAINLESS STEEL KEYS



Stainless steel X46Cr13

- Also used for high range food grade cutlery, surgical tools, brake discs, etc.

Vacuum quenching

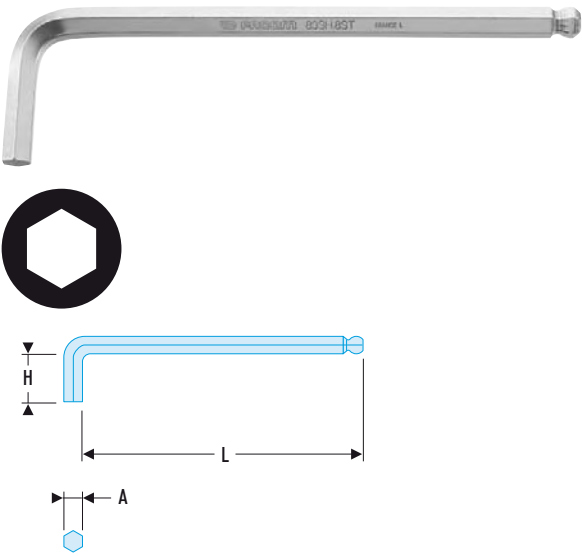
- Guarantees mechanical characteristics and resistance to corrosion.

Bacteriological tests passed after sterilisation in autoclave

- 20 min at 120°C, 1 bar over-pressure.



83SH.ST - Stainless steel keys - hexagonal

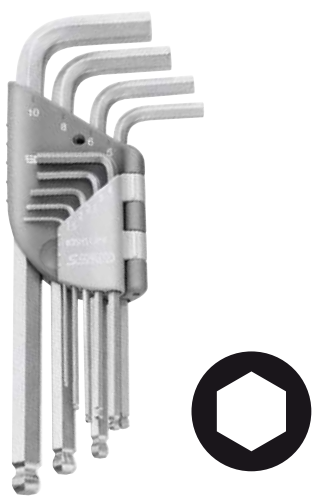


NF ISO 2936, ISO 2936, DIN ISO 2936, ASME B18.3.2M

- Stainless steel Ref X46Cr13. Also used for high range food grade cutlery, surgical tools, brake discs, etc.
- Vacuum quenching guarantees mechanical characteristics and resistance to corrosion.
- Bacteriological tests conclusive after autoclave sterilisation(20 min at 120°C, overpressure 1 bar).

	A [mm]	L [mm]	H [mm]	ΔΔ [g]
83SH.1,5ST	1,5	62	14	1
83SH.2,5ST	1,5	85	18	4
83SH.3ST	3,0	90	20	7
83SH.5ST	5,0	115	28	24
83SH.6ST	6,0	135	32	42
83SH.8ST	8,0	150	36	80
83SH.10ST	10,0	170	40	140

Set of 9 hexagonal stainless steel keys



- Stainless steel Ref X46Cr13. Also used for high range food grade cutlery, surgical tools, brake discs, etc.
- Vacuum quenching guarantees mechanical characteristics and resistance to corrosion.
- Bacteriological tests conclusive after autoclave sterilisation(20 min at 120°C, overpressure 1 bar).

	⌀ [mm]	Wrench	ΔΔ [g]
83SHST.JP9	1,5 - 2,0 - 2,5 - 3,0 - 4,0 - 5,0 - 6,0 - 8,0 - 10,0	9	365

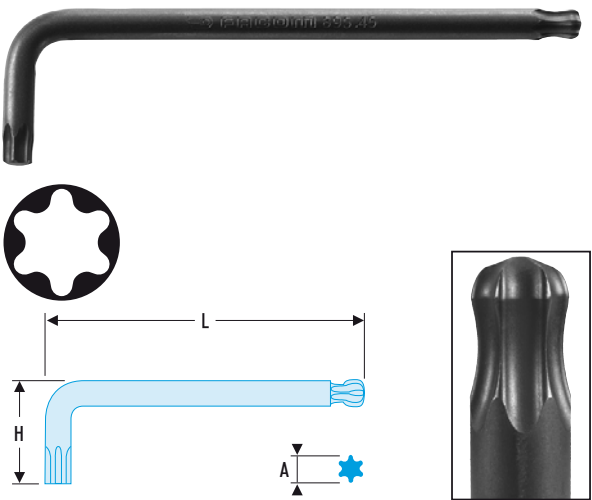
STAINLESS STEEL SCREWDRIVERS

STAINLESS STEEL SCREWDRIVER
RANGE AVAILABLE P. 397



Torx® hexagon keys

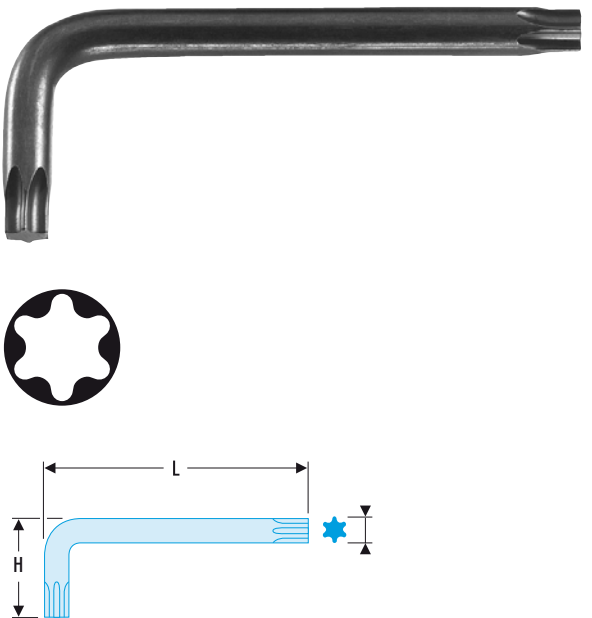
89S - Long Torx® keys - spherical head



- Compliant with Torx® specifications.
- The spherical head allows for a deflection up to 20° for use in confined spaces.
- Finish: burnt.

	A [mm]	Torx [No]	L [mm]	H [mm]	ΔΔ [g]
89S.15	3,26	T15	121	48	8
89S.20	3,84	T20	54	20	10
89S.25	4,40	T25	57	21	18
89S.27	4,96	T27	61	24	23
89S.30	5,49	T30	65	25	30
89S.40	6,60	T40	76	30	45
89S.45	7,70	T45	83	33	63

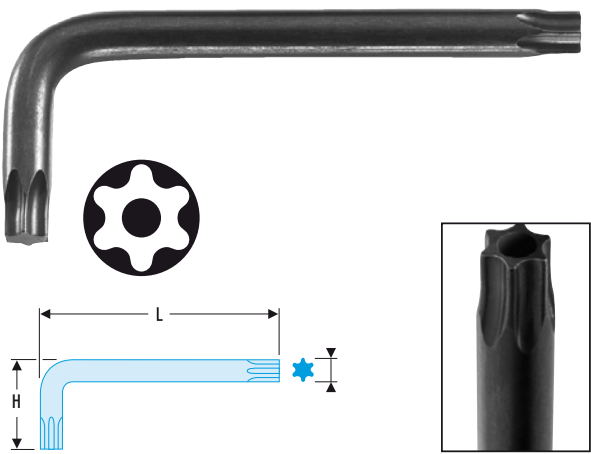
89 - Short Torx® keys



- Compliant with Torx® specifications.
- Finish: burnt.

	A [mm]	Torx [No]	L [mm]	H [mm]	ΔΔ [g]
89.6	1,65	T6	51,0	18,0	3
89.7	1,97	T7	51,5	18,0	3
89.8	2,30	T8	51,5	18,0	3
89.9	2,48	T9	51,5	19,5	4
89.10	2,72	T10	53,0	19,5	4
89.15	3,26	T15	57,0	21,5	6
89.20	3,84	T20	61,0	24,0	8
89.25	4,40	T25	63,5	25,5	11
89.27	4,96	T27	67,5	27,0	16
89.30	5,49	T30	76,0	30,0	20
89.40	6,60	T40	83,5	34,0	31
89.45	7,70	T45	88,5	37,0	43
89.50	8,79	T50	106,0	41,0	62
89.55	11,17	T55	121,0	48,0	70

89R - Short Resistorx® keys



- Compliant with Resistorx® specifications.
- For security screws.
- Finish: burnt.

	A [mm]	Torx [No]	L [mm]	H [mm]	ΔΔ [g]
89R.10	2,72	T10	54	20	4
89R.15	3,26	T15	57	21	6
89R.20	3,84	T20	61	24	8
89R.25	4,40	T25	65	25	11
89R.30	5,49	T30	76	30	20
89R.40	6,60	T40	83	33	31

Spinner keys - T spinner keys

NUT SPINNERS

Natural grip

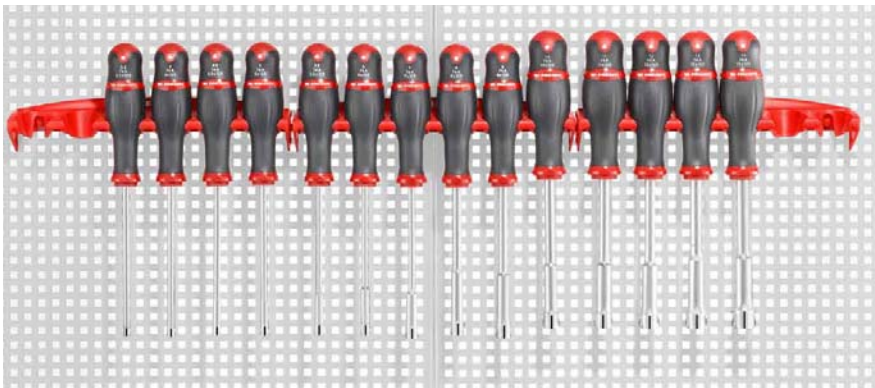
- Excellent torque transmission.
- Ergonomic handle grip.Easier pre-tightening.

Long-lasting performance

- Soft polyurethane zone, resistance to abrasion and corrosive liquids.
- Impact-resistant polyamide core.



For the complete range, see
WRENCHES section p. 211

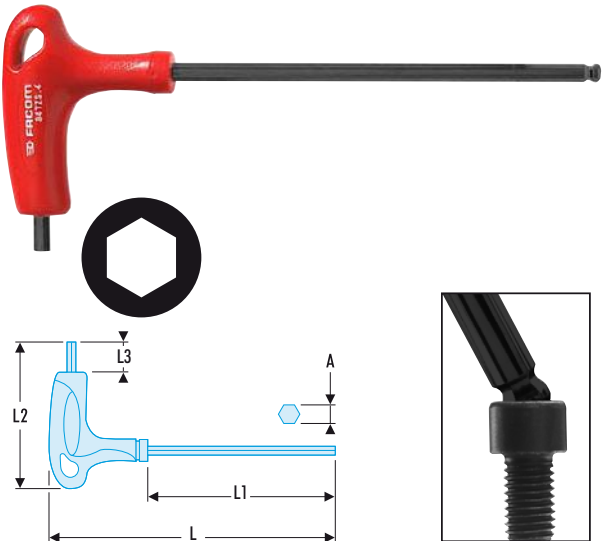


MOD.84TZS Set of 7 "T" spherical head hexagon keys



- 84TZ.3 mm.
 - 84TZS.4 - 5 - 6 - 7 - 8 - 10 mm.
 - Thermoformed module PL329.
- Weight: 996 g.

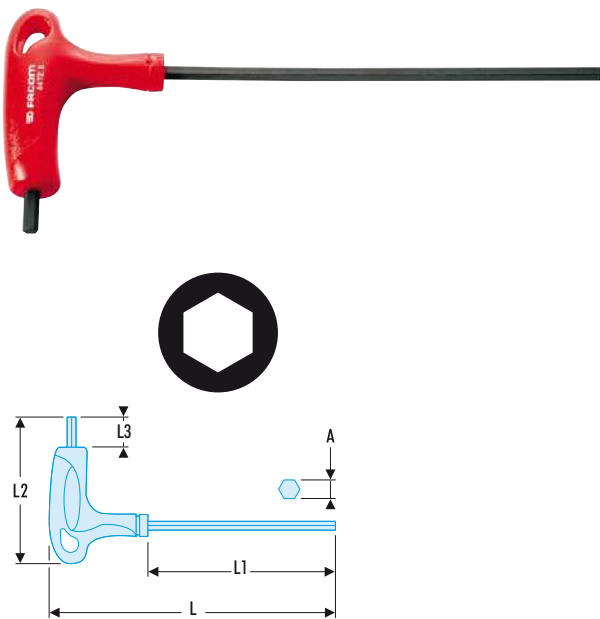
84TZS - Spherical head metric hexagon keys



- Ergonomic T handle for efficient use of the two ends of the key.
- The spherical head allows for screwing with a tilt angle up to 30°. Use the short hexagon key for tightening.
- Silicon steel.
- Finish: polished, phosphate-coated.

	A [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	ΔΔ [g]
84TZS.4	4	183	130	77	12	58
84TZS.5	5	183	130	77	12	70
84TZS.6	6	240	175	95	15	112
84TZS.7	7	240	175	95	15	120
84TZS.8	8	240	175	95	15	125
84TZS.10	10	240	175	95	15	192

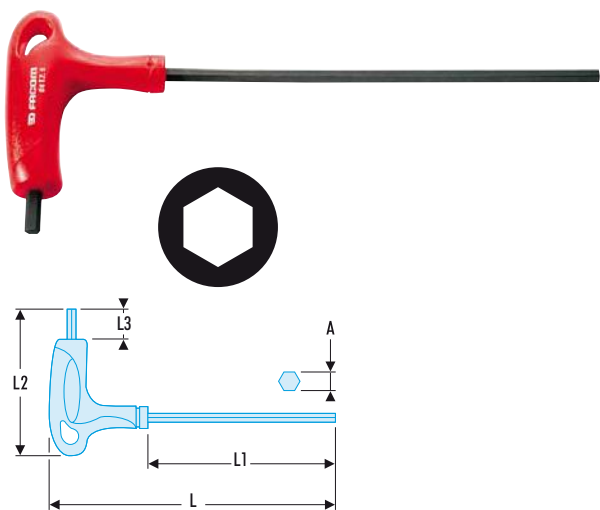
84TZ - Metric hexagon keys



- Ergonomic T handle for efficient use of the two ends of the key.
- Silicon steel.
- Finish: polished, phosphate-coated.

	A [mm]	A ["]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	ΔΔ [g]
84TZ.2,5	2,5	-	133	90	63	11	9
84TZ.3	3,0	-	133	90	63	11	12
84TZ.4	4,0	-	183	130	77	12	58
84TZ.5	5,0	-	183	130	77	12	70
84TZ.6	6,0	-	240	175	95	15	112
84TZ.8	8,0	-	240	175	95	15	125
84TZ.10	10,0	-	240	175	95	15	192

84TZ - Inch hexagon keys



- Ergonomic T handle for efficient use of the two ends of the key.
- The spherical head allows for screwing with a tilt angle up to 30°. Use the short hexagon key for tightening.
- Silicon steel.
- Finish: polished, phosphate-coated.

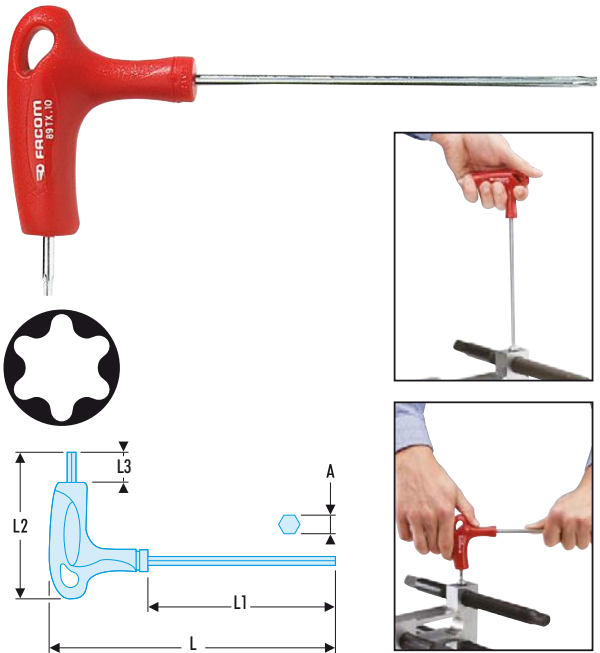
	A [mm]	A ["]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	ΔΔ [g]
84TZ.5/32	-	5/32	183	130	77	12	58
84TZ.3/16	-	3/16	183	130	77	12	65
84TZ.7/32	-	7/32	240	175	95	15	80
84TZ.1/4	-	1/4	240	175	95	15	115
84TZ.5/16	-	5/16	240	175	95	15	125
84TZ.3/8	-	3/8	240	175	95	15	180

MOD.89TX Set of 7 "T" spherical head TORX® hexagon keys



- Including:
- 89TX.10 - 15 - 20 - 25 - 27 - 30 - 40.
 - Thermoformed module PL328.
- Weight: 648 g.

89TX - Torx® spinners



- Ergonomic handle for efficient use of the two ends of the key.
- Finish: chromed shot-blasted.

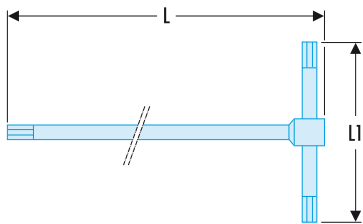
	A [mm]	Torx [No]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	ΔΔ [g]
89TX.6	1,65	T6	133	90	63	11	7
89TX.7	1,97	T7	133	90	63	11	8
89TX.8	2,30	T8	133	90	63	11	9
89TX.9	2,48	T9	133	90	63	11	10
89TX.10	2,72	T10	133	90	63	12	12
89TX.15	3,26	T15	133	130	77	12	15
89TX.20	3,84	T20	183	130	77	12	40
89TX.25	4,40	T25	183	130	77	15	55
89TX.27	4,96	T27	183	175	95	15	60
89TX.30	5,49	T30	240	175	95	15	90
89TX.40	6,60	T40	240	175	95	15	105
89TX.45	7,77	T45	240	175	95	15	125
89TX.50	8,79	T50	240	175	95	15	170

84TC.JE5 Set of 5 "T" spinner hexagon keys



- Including the wrenches 84TC.3 - 4 - 5 - 6 - 8 mm.
- Weight: 519 g.

84TC - Metric hexagon keys



- Hexagon profile at the 3 ends.
- Finish: chromed, burnt ends.

84TC	Ø [mm]	L [mm]	L1 [mm]	ΔΔ [g]
84TC.2	2,0	125	62,5	22
84TC.2,5	2,5	125	62,5	22
84TC.3	3,0	150	75,0	26
84TC.4	4,0	180	90,0	63
84TC.5	5,0	210	105,0	100
84TC.6	6,0	210	105,0	145
84TC.8	8,0	250	125,0	220
84TC.10	10,0	300	150,0	440
84TC.12	12,0	320	160,0	645
84TC.14	14,0	340	170,0	680

"T" SOCKET WRENCH WITH SLIDE BAR

6-point fast "T" keys.
Approach twice faster
than a standard wrench!
=
incredible work ergonomics.

Usage:

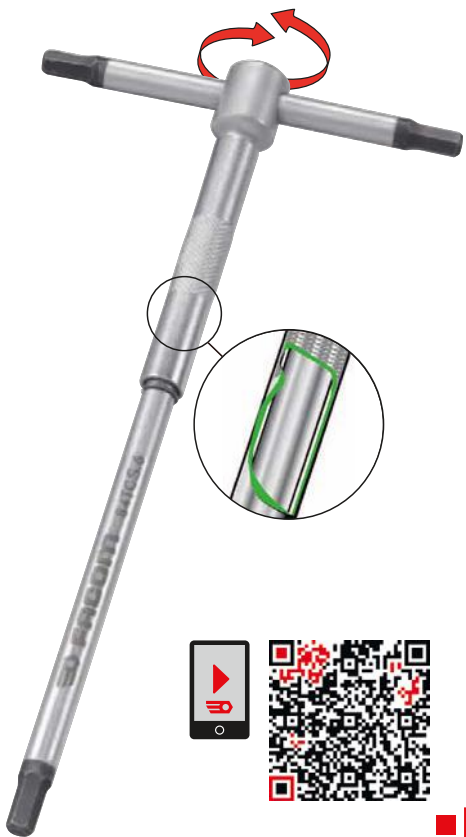
- Hold the tube.
- Launch the wrench.
- The wrench is guided properly and turns much faster than when holding it between the fingers: "rolling effect".

Access:

- The long-reaching body provides better access than with a traditional 6-point wrench.
- Easy access to screws requiring depth.

Powerful tightening/loosening:

- 6-point key at the 3 ends: for a "lever arm" effect.



84TCS.J4 Set of 4 fast "T" spinner hexagon keys



- Set of 4 keys: 84TCS.3 - 4 - 5 - 6 mm.
 - Hexagon male profile at the 3 ends.
 - Tube fastened by snap ring for fast approach.
 - Finish: chromed body, knurled tube (for good grip and limits slipping), burnt ends (maintains accurate machining).
- Weight: 497g.

84TCS - Fast hexagon spinners



- Hexagon male profile at the 3 ends.
- Tube fastened by snap ring for fast approach.
- Finish: chromed body, knurled tube (for good grip and limits slipping), burnt ends (maintains accurate machining).

	d [mm]	d1 [mm]	d2 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	ΔΔ [g]
84TCS.3	4,0	4,0	7	150	75	75	65	36
84TCS.4	5,6	5,6	9	180	90	90	70	76
84TCS.5	7,0	7,0	11	210	105	105	70	129
84TCS.6	8,0	8,0	11	210	105	105	70	154

AWSH.JT6 Set of spherical head spinner hexagon keys



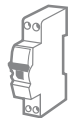
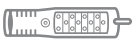
- Set of 6 spherical head hexagon keys: AWSH 2X75 - 2.5X75 - 3X75 - 4X75 - 5X100 - 6X100 mm.
 - bi-material ergonomic PROTWIST® handle for comfortable and reliable screwing.
 - Supplied in roll.
- Weight: 375 g.

AWHS - Spherical head spinner hexagon keys



- Bi-material ergonomic PROTWIST® handle for comfortable and reliable screwing.

	⬡ [mm]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
AWSH2X75	2,0	19	2,0 x 75	169	94	31
AWSH2,5X75	2,5	19	2,5 x 75	169	94	33
AWSH3X75	3,0	19	3,0 x 75	169	94	35
AWSH4X75	4,0	25	4,0 x 75	178	103	45
AWSH5X100	5,0	30	5,0 x 100	208	109	80
AWSH6X100	6,0	36	6,0 x 100	220	120	120
AWSH8X100	8,0	36	8,0 x 100	220	120	180

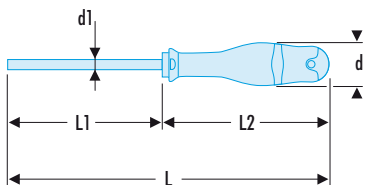


AWHH.JT6 Set of hexagon spinner keys



- Set of 6 hexagon keys: AWHH 2X75 - 2.5X75 - 3X75 - 4X75 - 5X100 - 6X100 mm.
 - Bi-material ergonomic PROTWIST® handle for comfortable and reliable screwing.
 - Supplied in roll.
- Weight: 375 g.

AWHH - Spinner hexagon keys



- Bi-material ergonomic PROTWIST® handle for comfortable and reliable screwing.

	⌀ [mm]	d [mm]	d1 x L1 [mm]	L [mm]	L2 [mm]	ΔΔ [g]
AWHH2X75	2,0	19	2,0 x 75	169	94	31
AWHH2,5X75	2,5	19	2,5 x 75	169	94	33
AWHH3X75	3,0	19	3,0 x 75	169	94	35
AWHH4X75	4,0	25	4,0 x 75	178	103	45
AWHH5X100	5,0	30	5,0 x 100	209	109	80
AWHH6X100	6,0	36	6,0 x 100	220	120	120
AWHH8X100	8,0	36	8,0 x 100	220	120	180

Special profile keys

80.JL7 Set of angled keys for multiple XZN teeth



- Set of 7 80 keys: M5 - M6 - M8 - M10 - M12 - M14 - M16.
 - Supplied in roll.
- Weight: 918 g.

85.JU10 Set of 10 keys for BRISTOL heads



- Set of 10 85 keys: 033 - 048 - 060 - 072 - 096 - 111 - 133 - 145 - 168 - 183.
 - Supplied in roll.
- Weight: 37 g.

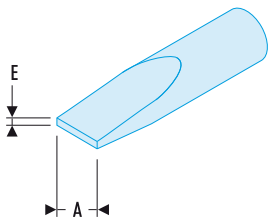
QUALITY - DURABILITY ECONOMY



Bits series 0

Standard bits series 0 - drive 4 mm

ES.0 - Screw bits for slotted head screws



- For manual high precision screwing.
- Drive 4 mm.
- For use with the Micro-Tech® bit holder screwdriver AEM.M.
- For use with the Micro-Tech® torque screwdrivers series A.300MT and A.340MT.

	E [mm]	A fente [No]	L [mm]	ΔΔ [g]
ES.001,8	0,3	1,8	28	3,00
ES.002	0,4	2,0	28	3,00
ES.002,5	0,4	2,5	28	3,10
ES.003	0,5	3,0	28	3,10
ES.004	0,5	4,0	28	3,20
ES.004,5	0,6	4,5	28	3,20

EP.0 - Screw bits for Phillips® screws



- For manual high precision screwing.
- Drive 4 mm.
- For use with the Micro-Tech® bit holder screwdriver AEM.M.
- For use with the Micro-Tech® torque screwdrivers series A.300MT and A.340MT.

	Phillips [No]	L [mm]	ΔΔ [g]
EP.0X2	PH00	28	3,20
EP.000	PH0	28	3,20

ED.0 - Screw bits for Pozidriv® screws



- For manual high precision screwing.
- Drive 4 mm.
- For use with the Micro-Tech® bit holder screwdriver AEM.M.
- For use with the Micro-Tech® torque screwdrivers series A.300MT and A.340MT.

	Pozidriv [No]	L [mm]	ΔΔ [g]
ED.0X2	PZ00	28	3,20
ED.000	PZ0	28	3,20
ED.001	PZ1	28	3,20

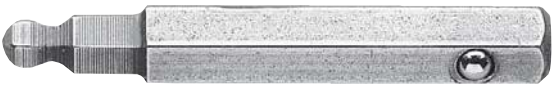
EH.0 - Screw bits for countersunk hex head screws



- For manual high precision screwing.
- Drive 4 mm.
- For use with the Micro-Tech® bit holder screwdriver AEM.M.
- For use with the Micro-Tech® torque screwdrivers series A.300MT and A.340MT.

	⌀ [mm]	L [mm]	ΔΔ [g]
EH.000,9	0,9	28	3,00
EH.001,3	1,3	28	3,10
EH.001,5	1,5	28	3,10
EH.002	2,0	28	3,20
EH.002,5	2,5	28	3,20

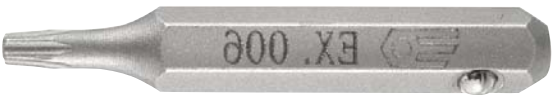
ETS.0 - Screw bits for countersunk hex spherical head screws



- For manual high precision screwing.
- Drive 4 mm.
- For use with the Micro-Tech® bit holder screwdriver AEM.M.

	Ø [mm]	L [mm]	ΔΔ [g]
ETS.001,5	1,5	28	3,10
ETS.002	2,0	28	3,20
ETS.002,5	2,5	28	3,20

EX.0 - Screw bits for Torx® screws



- For manual high precision screwing.
- Drive 4 mm.
- For use with the Micro-Tech® bit holder screwdriver AEM.M.
- For use with the Micro-Tech® torque screwdrivers series A.300MT and A.340MT.

	Torx [No]	L [mm]	ΔΔ [g]
EX.006	T6	28	1,80
EX.007	T7	28	1,80
EX.008	T8	28	1,80
EX.010	T10	28	1,90

ECR.0 Socket holder bit 4mm - 1/4"

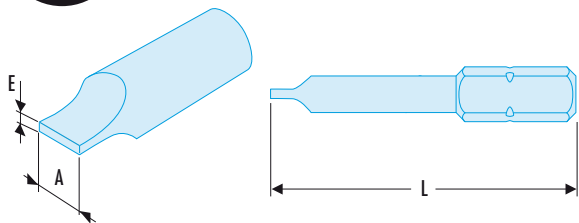


- Bit to use 1/4" "radio" series sockets with the Micro-Tech® torque screwdrivers A.300MT and A.340MT.
- Drive 4 mm (hex).
- Length: 22 mm.
- Weight: 7 g.

Bits series 1

Standard bits series 1 - 1/4" - 6.35 mm drive

ES.1 - Standard bits series 1 for slotted head screws

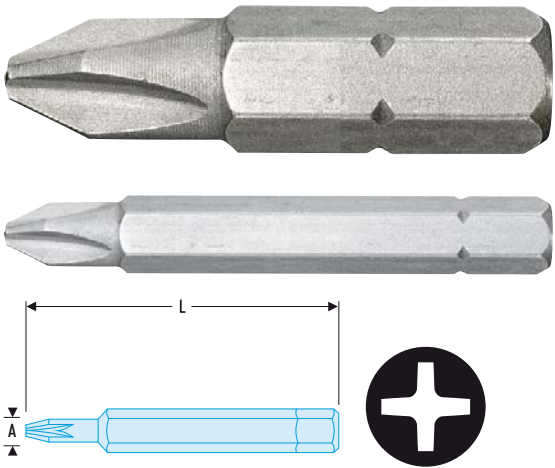


- NF ISO 2351-1, NF ISO 1173, ISO 2351-1, ISO 1173, DIN ISO 2351-1
- For manual screwing.
 - Drive 1/4" - 6.35 mm.

	A [mm]	E [mm]	L [mm]	ΔΔ [g]
ES.133	3	0,5	25	5



EP.1 - Standard bits series 1 for Phillips® screws

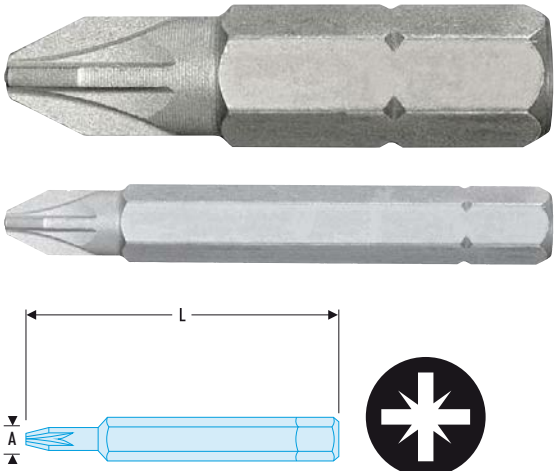


NF ISO 2351-2, NF ISO 1173, ISO 2351-2, ISO 1173, DIN ISO 2351-2

- For manual screwing.
- Drive 1/4" - 6.35 mm.

	Phillips [No]	L [mm]	ΔΔ [g]
EP.100	PH0	25	7,20
EP.111	PH1	50	14,40
EP.122	PH2	50	14,40

ED.1 - Standard bits series 1 for Pozidriv® screws

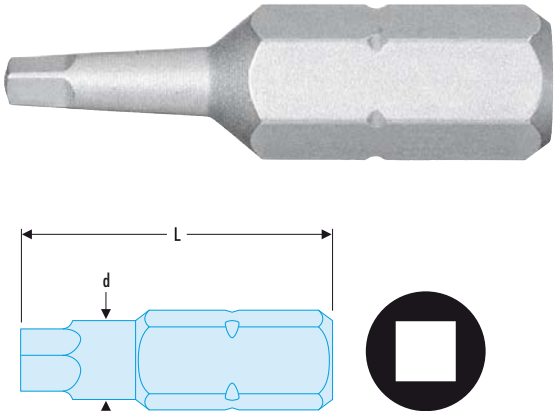


NF ISO 2351-2, NF ISO 1173, ISO 2351-2, ISO 1173, DIN ISO 2351-2

- For manual screwing.
- Drive 1/4" - 6.35 mm.

	Pozidriv [No]	L [mm]	ΔΔ [g]
ED.100	PZ0	25	6
ED.111	PZ1	50	11
ED.112	PZ2	50	12

ECAR.1 - Standard bits series 1 for ROBERTSON square head screws

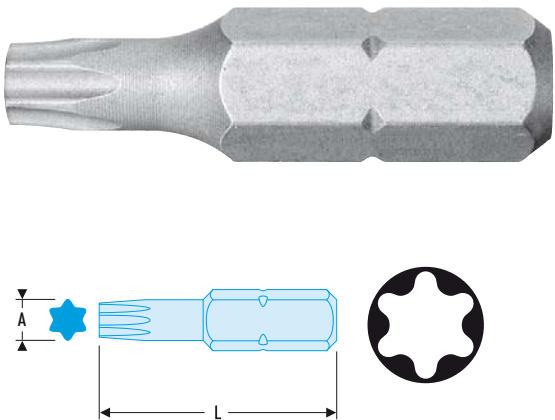


NF ISO 1173, ISO 1173

- For manual screwing.
- Drive 1/4" - 6.35 mm.

	d [mm]	L [mm]	Square ["]	ΔΔ [g]
ECAR.101	3,5	25	1	8
ECAR.102	6,0	25	2	10
ECAR.103	6,0	25	3	12

EX.1 - Standard bits series 1 for Torx® screws



NF ISO 1173, ISO 1173

- Compliant with Torx® specifications.
- For manual screwing.
- Drive 1/4" - 6.35 mm.

	A [mm]	Torx [No]	L [mm]	ΔΔ [g]
EX.106	1,65	T6	25	5
EX.107	1,97	T7	25	5
EX.108	2,30	T8	25	5
EX.109	2,48	T9	25	5
EX.110	2,72	T10	25	5
EX.115	3,26	T15	25	5
EX.120	3,84	T20	25	6
EX.125	4,40	T25	25	6
EX.127	4,96	T27	25	6
EX.130	5,49	T30	25	6
EX.140	6,60	T40	25	6

EX1 - Set of 3 series 1 Torx® bits



- For Torx® screws.
- For manual screwing.
- Drive 1/4" - 6.35 mm.

	Torx [No]	L [mm]	Content set
EX108.J3	T8	25	EX.108 (x3)
EX110.J3	T10	25	EX.110 (x3)
EX115.J3	T15	25	EX.115 (x3)
EX120.J3	T20	25	EX.120 (x3)
EX125.J3	T25	25	EX.125 (x3)
EX127.J3	T27	25	EX.127 (x3)
EX130.J3	T30	25	EX.130 (x3)
EX140.J3	T40	25	EX.140 (x3)

EX11.J3 Set of 3 series 1 Torx® bits T8-10-15

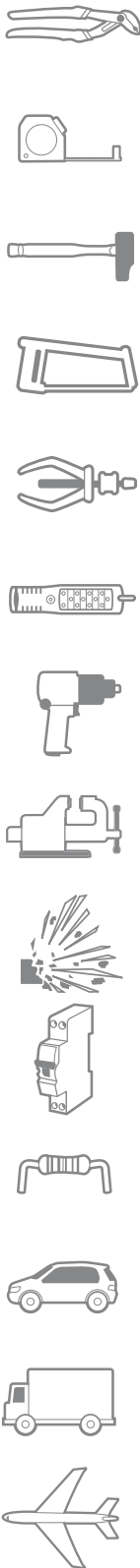
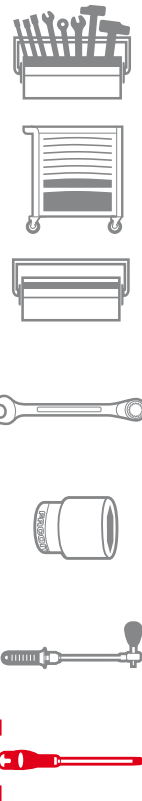


- Drive 1/4" - 6.35 mm.
- For manual screwing.
- For Torx® screws.
- Including 3 bits:
 - EX.108 (T8).
 - EX.110 (T10).
 - EX.115 (T15).
- Length: 25mm.

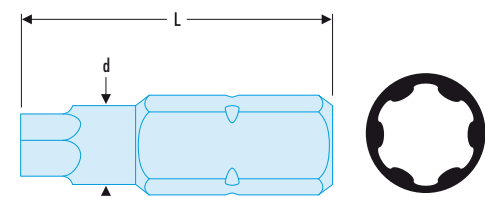
EX12.J3 Set of 3 series 1 Torx® bits T20-25-30



- Drive 1/4" - 6.35 mm.
- For manual screwing.
- For Torx® screws.
- Including 3 bits:
 - EX.120 (T20).
 - EX.125 (T25).
 - EX.130 (T30).
- Length: 25 mm.



EXP.1 - Standard bits series 1 for Torx Plus® screws

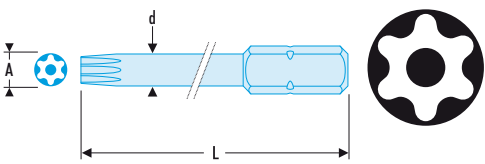


NF ISO 1173, ISO 1173

- Compliant with Torx Plus® specifications.
- For manual screwing.
- Drive 1/4" - 6.35 mm.

	Resistorx [No]	L [mm]	ΔΔ [g]
EXP.106	IP6	25	5
EXP.107	IP7	25	5
EXP.108	IP8	25	5
EXP.109	IP9	25	5
EXP.110	IP10	25	5
EXP.115	IP15	25	5
EXP.120	IP20	25	6
EXP.125	IP25	25	6
EXP.127	IP27	25	6
EXP.130	IP30	25	6
EXP.140	IP40	25	6

EXR.1 - Standard bits series 1 for Resistorx® screws

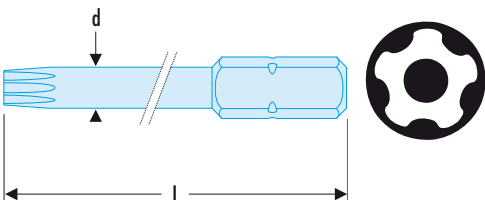


NF ISO 1173, ISO 1173

- Compliant with Resistorx® specifications.
- For manual screwing.
- Drive 1/4" - 6.35 mm.
- Long bits 70 mm are low cut for access to screws inserted in the wells.

	A [mm]	Resistorx [No]	d [mm]	L [mm]	ΔΔ [g]
EXR.110	2,72	TT10	-	25	5
EXR.115	3,26	TT15	-	25	6
EXR.120	3,84	TT20	-	25	6
EXR.125	4,40	TT25	-	25	6
EXR.127	4,96	TT27	-	25	6
EXR.130	5,59	TT30	-	25	6
EXR.140	6,60	TT40	-	25	6
EXR.110L	2,72	TT10	5,2	70	8
EXR.115L	3,26	TT15	5,2	70	8
EXR.120L	3,84	TT20	5,6	70	9
EXR.125L	4,40	TT25	5,6	70	11
EXR.130L	5,59	TT30	6,0	70	14
EXR.140L	6,60	TT40	7,1	70	17

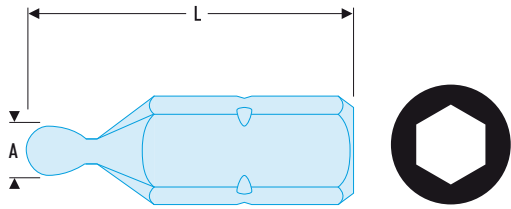
EXP.1 - Standard bits series 1 for Tamper Resistant Torx Plus® screws



NF ISO 1173, ISO 1173

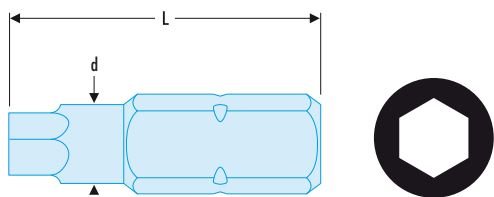
- Compliant with Tamper Resistant Torx Plus® specifications.
- For manual screwing.
- Drive 1/4" - 6.35 mm.

	Tamper	L [mm]	ΔΔ [g]
EXRP.108	IPR8	25	5
EXRP.110	IPR10	25	5
EXRP.115	IPR15	25	6
EXRP.120	IPR20	25	6
EXRP.125	IPR25	25	6
EXRP.127	IPR27	25	6
EXRP.130	IPR30	25	6
EXRP.140	IPR40	25	6



- The spherical head allows for screwing with a tilt angle up to 30°.
- For manual screwing.
- Drive 1/4" - 6.35 mm.

	6 [mm]	L [mm]	ΔΔ [g]
ETS.102,5	2,5	25	5
ETS.103	3,0	25	5
ETS.104	4,0	25	5
ETS.105	5,0	25	6
ETS.106	6,0	25	6



- For manual screwing.
- Drive 1/4" - 6.35 mm.

	 [mm]	L [mm]	$\Delta\Delta$ [g]
EH.101,5	1,5	25	5
EH.102	2,0	25	5
EH.102,5	2,5	25	5
EH.103	3,0	25	5
EH.104	4,0	25	5
EH.105	5,0	25	6
EH.106	6,0	25	7
EH.107	7,0	25	8
EH.108	8,0	25	9
EH.110	10,0	25	11

A blister pack containing three 3mm hex keys. The packaging is black and red, with a white label indicating the size 'X 3 : 4 mm'. The Facom logo is visible at the bottom.



- For manual screwing.
- Drive 1/4" - 6.35 mm.

	Ø [mm]	L [mm]	Content set
EH102.J3	2,0	25	EH.102 (x3)
EH102,5.J3	2,5	25	EH.102,5 (x3)
EH103.J3	3,0	25	EH.103 (x3)
EH104.J3	4,0	25	EH.104 (x3)
EH105.J3	5,0	25	EH.105 (x3)
EH106.J3	6,0	25	EH.106 (x3)
EH108.J3	8,0	25	EH.108 (x3)

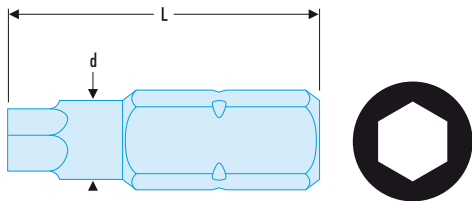
A blister pack containing three 3mm hex key bits. The packaging is black and red, with a white label indicating the size 'X 3 : 4 mm'. The Facom logo is visible at the bottom.



- For manual screwing.
- Drive 1/4" - 6.35 mm.
- Including 3 bits:
 - EH.104 (4 mm).
 - EH.105 (5 mm).
 - EH.106 (6 mm).
- Length: 25 mm.



EH.1 - Screw bits series 1 for inch countersunk hex head screws

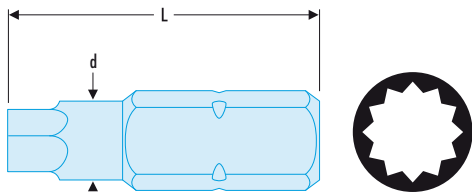


NF ISO 1173, ISO 1173

- For manual screwing.
- Drive 1/4" - 6.35 mm.

	A ["]	L [mm]	ΔΔ [g]
EH.101/8	1/8	25	5
EH.105/32	5/32	25	5
EH.103/16	3/16	25	5
EH.107/32	7/32	25	6
EH.101/4	1/4	25	7

EV.1 - Standard bits series 1 for XZN multiple teeth head screws

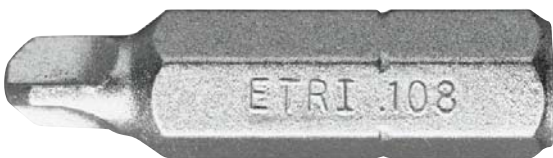


NF ISO 1173, ISO 1173

- For manual screwing.
- Drive 1/4" - 6.35 mm.

	XZN [No]	L [mm]	ΔΔ [g]
EV.104	M4	25	5
EV.105	M5	25	5
EV.106	M6	25	6
EV.108	M8	25	7
EV.110	M10	25	8

ETRI.1 - Standard bits series 1 for Tri-wing head screws



NF ISO 1173, ISO 1173

- For manual screwing.
- Drive 1/4" - 6.35 mm.

	L [mm]	Screw Size[mm]	ΔΔ [g]
ETRI.101	25	1	5,50
ETRI.102	25	2	5,50
ETRI.103	25	3	5,50
ETRI.104	25	4	5,50
ETRI.105	25	5	5,50

EBNA.1 - Standard bits series 1 for BNAE head screws



NF ISO 1173, ISO 1173

- For manual screwing.
- Drive 1/4" - 6.35 mm.

	L [mm]	Bit BNAE [No]	ΔΔ [g]
EBNA.104	25	4	5
EBNA.105	25	5	5
EBNA.106	25	6	6

- For manual screwing.
- Drive 1/4" - 6.35 mm.

	L [mm]	Screw Size[mm]	$\Delta\Delta$ [g]
ETOR.100	25	0	5,50
ETOR.101	25	1	5,50
ETORM.102	25	2	6,00
ETORM.103	25	3	6,00
ETORM.104	25	4	6,00
ETORM.105	25	5	6,00
ETORM.106	25	6	6,00
ETORM.108	25	8	6,00
ETORM.110	25	10	6,00
ETORM.101/4	32	1/4	13.00

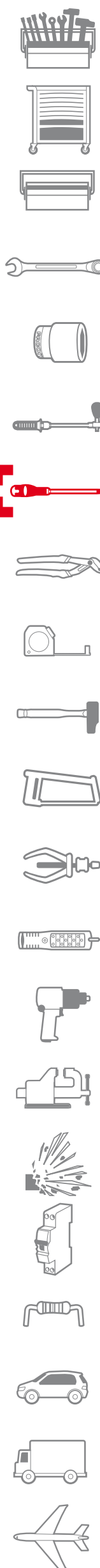
- For intense manual screwing.
- AME.B3: Slotted head, Phillips®, Pozidriv®.
- AME.B4: Slotted head, Pozidriv®, hex.
- AME.B5: Slotted head, Phillips®, Torx®.
- AME.B6: Torx®, Resistorx®.
- Supplied with clasp bit holder (Ref EF.6P1).
- Compact box, dim.

	A fente [No]	Phillips [No]	Pozidriv [No]	Torx [No]	Resistorx [No]	 [mm]	$\Delta\Delta$ [g]
AME.B3	0,6 x 4,5 - 1,0 x 5,5 - 1,2 x 6,5	1 - 2 - 3	1 - 2 - 3	-	-	-	100
AME.B4	0,6 x 4,5 - 1,0 x 5,5	-	1 - 2	-	-	2,5 - 3,0 - 4,0 - 5,0 - 6,0	100
AME.B5	0,6 x 4,5 - 1,0 x 5,5	1 - 2	-	T10 - T15 - T20 - T25 - T30	-	-	103
AME.B6	-	-	-	8 - 9	TT10 - TT15 - TT20 - TT25 - TT27 - TT30 - TT40	-	125

- Equivalent to 6 screwdrivers in 1.
- Built-in bit storage = 3 slotted head bits and 3 Pozidriv® for manual screwing.
- Magnetic 1/4" bit holder blade.
- Compact volume in closed position.

	A fente [No]	Pozidriv [No]	$\Delta\Delta$ [g]
FPZ	4,5 - 6,5 - 8,0	1 - 2 - 3	200

- Including:
- 65.PE: 1/4" - 5/16" bit holder ratchet.
- Bits for Resistox® screws: EXR.110 - EXR.115 - EXR.120 - EXR.125 - EXR.130 - EXR.140.
- Hexagon countersunk bits: EH.103 - EH.104 - EH.105 - EH.106.
- Bits for Pozidriv® screws: ED.101T - ED.102T -



Sets of standard series 1 bits + bit holder in bag - 1/4" - 6.35 mm drive

SCREW BITS BOX

EXCLUSIVE DESIGN: COMPACT AND EASY TO USE

Polyamide case (PA66)

- High impact resistance.
- Bits held effectively and durably.
- Good resistance to chemicals.

- 1 Easy wallet type opening/closing.
- 2 Effective and easy bit push-out system on the rear face.
- 3 Easy selection: bits visible on the front face + pattern symbols.



■ E.110 Combined set of 10 bits 1/4" - 25 mm + bit holder - No.1



- Including:
- Bits for manual screwing.
- Slotted head bits: ES.134,5T - ES.135,5T - ES.136,5T - ES.148T.
- Phillips® bits: EP.101T - EP.102T - EP.103T.
- Pozidriv® bits: ED.101T - ED.102T - ED.103T.
- Bit holder: EF.6P1.
- Supplied in compact high strength and chemical resistant polyamide roll.

■ E.111 Combined set of 10 bits 1/4" - 25 mm + bit holder - No.2



- Including:
- Bits for manual screwing.
- Slotted head bits: ES.134,5T - ES.136,5T - ES.148T.
- Pozidriv® bits: ED.101T - ED.102T - ED.103T.
- 6-point bits: EH.103 - EH.104 - EH.105 - EH.106.
- Bit holder: EF.6P1.
- Supplied in compact high strength and chemical resistant polyamide roll.

■ E.112 Combined set of 10 Torx® bits 1/4" - 25 mm + bit holder



- Including:
- Bits for manual screwing.
- Bits: EX.108 - EX.109 - EX.110 - EX.115 - EX.120 (x2) - EX.125 - EX.127 - EX.130 - EX.140.
- Bit holder: EF.6P1.
- Supplied in compact high strength and chemical resistant polyamide roll.

■ E.113 Combined set of 10 Resistorx® bits 1/4" - 25 mm + bit holder



- Including:
- Bits for manual screwing.
- Bits: EXR.110 - EXR.115 - EXR.120 (X2) - EXR.125 (X2) - EXR.127 - EXR.130 (X2) - EXR.140.
- Bit holder: EF.6P1.
- Supplied in compact high strength and chemical resistant polyamide roll.

■ E.114 Combined set of 10 Tamper Proof Torx Plus® bits 1/4" - 25 mm + bit holder



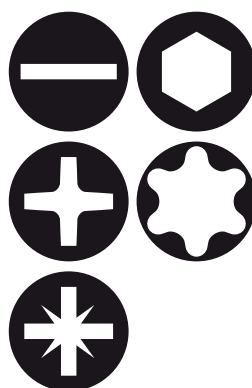
- Including:
- Bits for manual screwing.
- Bits: EXRP.108 - EXRP.110 - EXRP.120 (X2) - EXRP.125 - EXRP.127 - EXRP.130 (X2) - EXRP.140.
- Bit holder: EF.6P1.
- Supplied in compact high strength and chemical resistant polyamide roll.

■ E.116 Combined set of 10 Torx Plus® bits 1/4" - 25 mm + bit holder



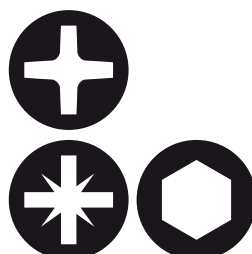
- Including:
- Bits for manual screwing.
- Bits: EXP.108 - EXP.109 - EXP.110 - EXP.115 - EXP.120 - EXP.125 - EXP.127 - EXP.130 (x2) - EXP.140.
- Bit holder: EF.6P1.
- Supplied in compact high strength and chemical resistant polyamide roll.

■ E.120 Combined set of 28 High Perf' series 1 bits + bit holder

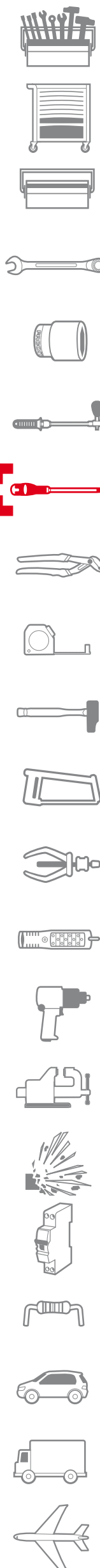


- For intense manual screwing.
- Drive 1/4" - 6.35 mm.
- Including:
- 3 bits for slotted heads: ES.134,5T - ES.136,5T - ES.148T.
- 3 bits for Phillips® screws: EP.101T - ES.102T - ES.103T.
- 3 bits for Pozidriv® screws: ED.101T - ED.102T - ED.103T.
- 4 6-point bits: EH.103 - EH.104 - EH.105 - EH.106.
- 6 Torx® bits: EX.110 - EX.115 - EX.120 - EX.125 - EX.130 - EX.140.
- Bit holder: EF.6P1.
- Supplied in compact high strength and chemical resistant polyamide roll.

■ E.611 Set of 10 bits 1/4" - 50 mm



- Drive 1/4" - 6.35 mm.
- Including:
- 3 bits for Phillips® screws: EP.601T - EP.602T (x2).
- 3 bits for Pozidriv®: ED.601T - ED.602T (x2).
- 4 6-point bits: EH.603 - EH.604 - EH.605 - EH.606.
- Supplied in compact high strength and chemical resistant polyamide roll.



E.612 Set of 10 bits 50 mm long with groove



- Drive 1/4" - 6.35 mm.
- Including:
 - 3 bits for Phillips® screws: EP.601T - EP.602T (x2).
 - 3 bits for Pozidriv®: ED.601T - ED.602T (x2).
 - 4 Torx® bits: T10 - T20 - T25 - T30.
- Supplied in compact high strength and chemical resistant polyamide roll.

Modules of standard series 1 bits - 1/4" - 6.35 mm drive

Module with 20 screw bits



	Organiser for	Content set
MOD.E20L	PL.624	EH.204L - 205L - 206L - 207L - 208L - 210L - EV.205L - 206L - 208L - 210L - EX.230L - 240L - 245L - 250L - EXR.110L - 115L - 120L - 125L - 130L - 140L - Porte-embouts SJ.236 - Douille R.235-N - S.236-N

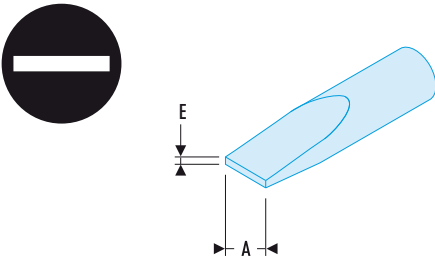
Module with 41 screw bits



	Organiser for	Content set
MOD.E41	PL.621	ED.101T-102T-103T - EH.104-105-106-107 - EH.204L-205L-206L-207L-208L-210L - EH.208-210 - EV.205L-206L-208L-210L - EV.206-208-210 - EX.230L-240L-245L-250L - EX.245-250-255

High power bits series 1 - 1/4" - 6.35 mm drive

ES.1T - High Perf' bits series 1 for slotted head screws



NF ISO 2351-1, NF ISO 1173, ISO 2351-1, ISO 1173, DIN ISO 2351-1

- For intense manual screwing.
- Drive 1/4" - 6.35 mm.

	A [mm]	E [mm]	L [mm]	ΔΔ [g]
ES.134T	4,0	0,5	25	2
ES.134,5T	4,5	0,6	25	3
ES.135,5T	5,5	0,8	25	3
ES.145,5T	5,5	1,0	25	4
ES.136,5T	6,5	1,2	25	4
ES.148T	8,0	1,6	25	8

- For intense manual screwing.
- Drive 1/4" - 6.35 mm.

	Phillips [No]	L [mm]	$\Delta\Delta$ [g]
EP.101T	PH1	25	3,50
EP.102T	PH2	25	4,00
EP.103T	PH3	25	4,20

- For intense manual screwing.
- Drive 1/4" - 6.35 mm.

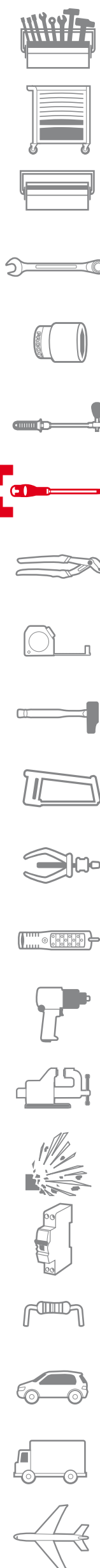
	Pozidriv [No]	L [mm]	$\Delta\Delta$ [g]
ED.101T	PZ1	25	3,50
ED.102T	PZ2	25	4,00
ED.103T	PZ3	25	4,20

- For intense manual screwing.
- Drive 1/4" - 6.35 mm.

	E [mm]	L [mm]	Content set
ES134T.J3	0,5	25	ES.134T (x3)
ES134,5T.J3	0,6	25	ES.134.5T (x3)
ES135,5T.J3	0,8	25	ES.135,5T (x3)
ES136,5T.J3	1,2	25	ES.136,5T (x3)
ES148T.J3	1,5	25	ES.148T (x3)

- For intense manual screwing.
- Drive 1/4" - 6.35 mm.

	Phillips [No]	L [mm]	Content set
EP101T.J3	PH1	25	EP.101T (x3)
EP102T.J3	PH2	25	EP.102T (x3)
EP103T.J3	PH3	25	EP.103T (x3)



ED10T - Sets of 3 High Perf' bits series 1 for Pozidriv® screws



- For intense manual screwing.
- Drive 1/4" - 6.35 mm.

	Pozidriv [No]	L [mm]	Content set
ED101T.J3	PZ1	25	ED.101T (x3)
ED102T.J3	PZ2	25	ED.102T (x3)
ED103T.J3	PZ3	25	ED.103T (x3)

ES1.J3 Set of 3 High Perf' bits for slotted head screws



- For intense manual screwing.
- Drive 1/4" - 6.35 mm.
- Length: 25 mm.
- Including 3 bits:
 - ES.134.5 (4.5 mm).
 - ES.136.5 (6.5 mm).
 - ES.138 (8 mm).

EP1.J3 Set of 3 High Perf' bits for Phillips® screws



- NF ISO 1173, ISO 1173
- For intense manual screwing.
 - Drive 1/4" - 6.35 mm.
 - Length: 25 mm.
 - Including 3 bits:
 - EP.101 (PH1).
 - EP.102 (PH2).
 - EP.103 (PH3).

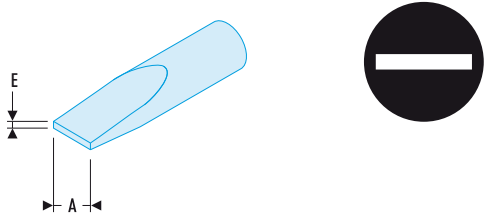
ED1.J3 Set of 3 High Perf' bits for Pozidriv® screws



- For intense manual screwing.
- Drive 1/4" - 6.35 mm.
- Length: 25 mm.
- Including 3 bits:
 - ED.101 (PZ1).
 - ED.102 (PZ2).
 - ED.103 (PZ3).

High power Titanium bits series 1 - 1/4" - 6.35 mm drive

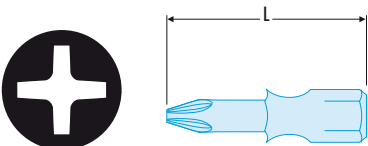
ES.12T - High Perf' Titanium bits series 1 for slotted head screws



- NF ISO 2351-1, NF ISO 1173, ISO 2351-1, ISO 1173, DIN ISO 2351-1
- For use on power or pneumatic nutrunners (except impact wrenches).
 - Drive 1/4" - 6.35 mm.

	A [mm]	E [mm]	L [mm]	ΔΔ [g]
ES.124,5T	4,5	0,6	25	3
ES.125,5T	5,5	0,8	25	3
ES.175,5T	5,5	1,0	25	4
ES.126,5T	6,5	1,2	25	4
ES.128T	8,0	1,6	25	8

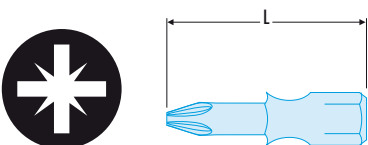
EP.13T - High Perf' Titanium bits series 1 for Phillips® screws



- NF ISO 2351-2, NF ISO 1173, ISO 2351-2, ISO 1173, DIN ISO 2351-2
- For use on power or pneumatic nutrunners (except impact wrenches).
 - Drive 1/4" - 6.35 mm.

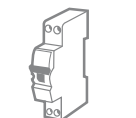
	Phillips [No]	L [mm]	ΔΔ [g]
EP.131T	PH1	25	3,50
EP.132T	PH2	25	4,00
EP.133T	PH3	25	4,20

ED.13T - High Perf' Titanium bits series 1 for Pozidriv® screws



- NF ISO 2351-2, NF ISO 1173, ISO 2351-2, ISO 1173, DIN ISO 2351-2
- For use on power or pneumatic nutrunners (except impact wrenches).
 - Drive 1/4" - 6.35 mm.

	Pozidriv [No]	L [mm]	ΔΔ [g]
ED.131T	PZ1	25	3,50
ED.132T	PZ2	25	4,10
ED.133T	PZ3	25	4,20



Sets of high power Titanium series 1 bits - 1/4" - 6.35 mm drive

EP13T - Sets of 3 High Perf' Titanium bits series 1 - 25 mm



- For use on power or pneumatic nutrunners (except impact wrenches).
- Drive 1/4" - 6.35 mm.

	Phillips [No]	L [mm]	Content set
EP131T.J3	PH1	25	EP.131T (x3)
EP132T.J3	PH2	25	EP.132T (x3)
EP133T.J3	PH3	25	EP.133T (x3)

ED13T - Sets of 3 High Perf' Titanium bits series 1 - 25 mm - Titanium



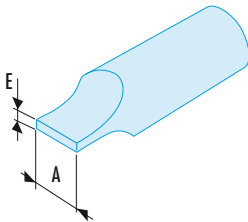
- For use on power or pneumatic nutrunners (except impact wrenches).
- Drive 1/4" - 6.35 mm.

	Pozidriv [No]	L [mm]	Content set
ED131T.J3	PZ1	25	ED.131T (x3)
ED132T.J3	PZ2	25	ED.132T (x3)
ED133T.J3	PZ3	25	ED.133T (x3)

Bits series 2

Standard bits series 2 - 5/16" - 7.94 mm drive

ES.2 - Standard bits series 2 for slotted head screws

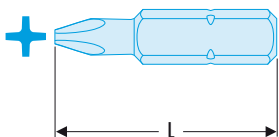


NF ISO 2351-1, NF ISO 1173, ISO 2351-1, ISO 1173, DIN ISO 2351-1

- For manual screwing.
- Drive 5/16" - 7.94 mm.

	A [mm]	E [mm]	L [mm]	ΔΔ [g]
ES.206,5	6,5	1,2	41	11
ES.208	8,0	1,2	41	13
ES.210	10,0	1,6	41	19
ES.212	12,0	2,0	41	23

EP.2 - Standard bits series 2 for Phillips® screws

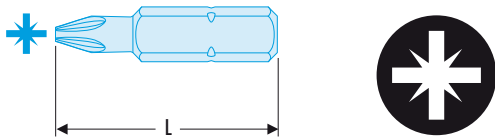


NF ISO 2351-2, NF ISO 1173, ISO 2351-2, ISO 1173, DIN ISO 2351-2

- For manual screwing.
- Drive 5/16" - 7.94 mm.

	Phillips [No]	L [mm]	ΔΔ [g]
EP.201	PH1	32	10
EP.202	PH2	32	11
EP.203	PH3	32	11
EP.204	PH4	32	14

ED.2 - Standard bits series 2 for Pozidriv® screws

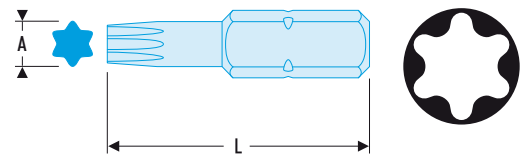


NF ISO 2351-2, NF ISO 1173, ISO 2351-2, ISO 1173, DIN ISO 2351-2

- For manual screwing.
- Drive 5/16" - 7.94 mm.

	Pozidriv [No]	L [mm]	ΔΔ [g]
ED.201	PZ1	32	10
ED.202	PZ2	32	11
ED.203	PZ3	32	11
ED.204	PZ4	32	12

EX.2 - Standard bits series 2 for Torx® screws

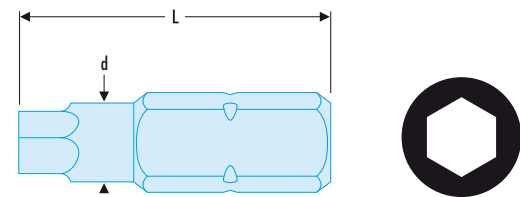
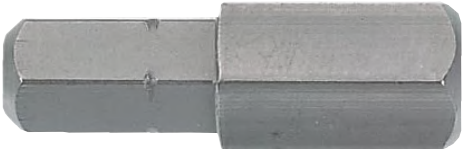


NF ISO 1173, ISO 1173

- Compliant with Torx® specifications.
- For manual screwing.
- Drive 5/16" - 7.94 mm.

	Torx [No]	d [mm]	L [mm]	ΔΔ [g]
EX.220	T20	-	35	13
EX.225	T25	-	35	13
EX.227	T27	-	35	13
EX.230	T30	-	35	15
EX.240	T40	-	35	15
EX.245	T45	-	35	15
EX.250	T50	-	35	18
EX.255	T55	-	35	31
EX.220L	T20	5,6	70	25
EX.225L	T25	5,6	70	25
EX.230L	T30	6,0	70	30
EX.240L	T40	7,0	70	30
EX.245L	T45	Hex.7,94	70	40
EX.250L	T50	Hex.7,94	70	55

EH.2 - Standard bits series 2 for countersunk hex screws

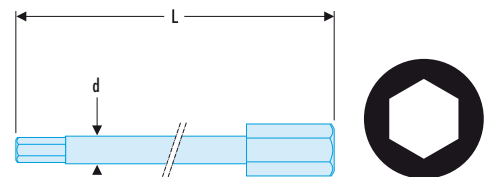


NF ISO 2351-3, NF ISO 1173, ISO 2351-3, ISO 1173, DIN ISO 2351-3

- For manual screwing.
- Drive 5/16" - 7.94 mm.

	⌀ [mm]	L [mm]	ΔΔ [g]
EH.204	4	30	8
EH.205	5	30	9
EH.206	6	30	11
EH.208	8	30	13
EH.210	10	30	17
EH.201/4	1/4	30	12
EH.205/16	5/16	30	15
EH.203/8	3/8	30	19

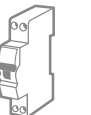
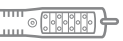
EH.2L - Standard long bits series 2 for countersunk hex screws



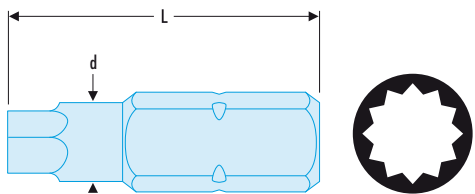
NF ISO 1173, ISO 1173

- For manual screwing.
- Drive 5/16" - 7.94 mm.

	⌀ [mm]	d [mm]	L [mm]	ΔΔ [g]
EH.204L	4	4,8	70	15
EH.205L	5	6,0	70	19
EH.206L	6	7,0	70	23
EH.207L	7	8,9	70	28
EH.208L	8	8,9	70	29
EH.210L	10	11,3	70	42



EV.2 - Standard bits series 2 for XZN multiple teeth head screws

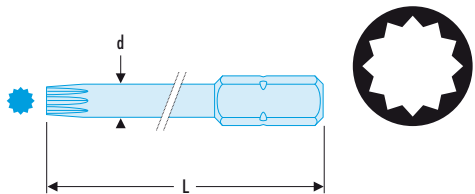


NF ISO 1173, ISO 1173

- For manual screwing.
- Drive 5/16" - 7.94 mm.

	XZN [No]	L [mm]	ΔΔ [g]
EV.206	M6	28	9
EV.208	M8	28	10
EV.210	M10	32	15
EV.212	M12	36	21

EV.L - Standard long bits series 2 for XZN multiple teeth head screws

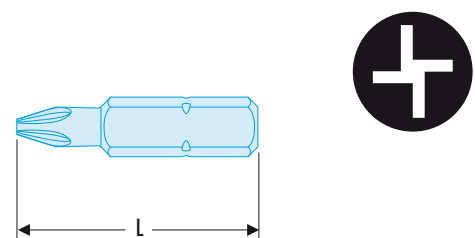


NF ISO 1173, ISO 1173

- For manual screwing.
- Drive 5/16" - 7.94 mm.

	XZN [No]	d [mm]	L [mm]	ΔΔ [g]
EV.205L	M5	6,0	70	26
EV.206L	M6	7,0	70	27
EV.208L	M8	7,5	70	28
EV.210L	M10	10,0	70	39

ETORM.2 - Standard bits series 2 for Torq Set® head screw

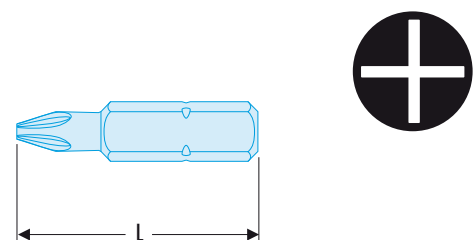


NF ISO 1173, ISO 1173

- For manual screwing.
- Drive 5/16" - 7.94 mm.

	L [mm]	Screw Size[mm]	ΔΔ [g]
ETORM.208	32	8	14
ETORM.210	32	10	14
ETORM.201/4	32	1/4	14
ETORM.205/16	32	5/16	14
ETORM.203/8	32	3/8	14

EBNA.2 - Standard bits series 2 for BNAE head screws



NF ISO 1173, ISO 1173

- For manual screwing.
- Drive 5/16" - 7.94 mm.

	L [mm]	Bit BNAE [No]	ΔΔ [g]
EBNA.204	35	4	9
EBNA.205	35	5	9
EBNA.206	35	6	10
EBNA.208	35	8	10

Bits series 6

Standard bits series 6 - 1/4" - 6.35 mm grooved drive

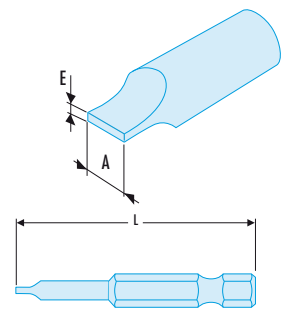
ES.6 - Standard bits series 6 for slotted head screws



NF ISO 2351-1, NF ISO 1173, ISO 2351-1, ISO 1173, DIN ISO 2351-1

- Drive 1/4" - 6.35 mm with groove.

	A [mm]	E [mm]	L [mm]	ΔΔ [g]
ES.603	3,0	0,5	50	7,70
ES.603,5	3,5	0,6	50	7,90
ES.604	4,0	0,5	50	8,60
ES.604,5	4,5	0,6	50	9,00
ES.605,5	5,5	0,8	50	10,00
ES.606,5	6,5	1,2	50	11,50
ES.608	8,0	1,2	70	13,70
ES.623	3,0	0,5	70	8,80
ES.623,5	3,5	0,6	70	9,40
ES.624	4,0	0,8	70	10,60
ES.625,5	5,5	1,0	70	13,70



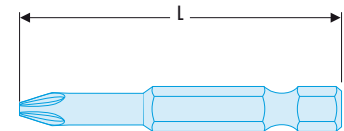
EP.6 - Standard bits series 6 for Phillips® screws



NF ISO 2351-2, NF ISO 1173, ISO 2351-2, ISO 1173, DIN ISO 2351-2

- Drive 1/4" - 6.35 mm with groove.

	Phillips [No]	L [mm]	ΔΔ [g]
EP.661	PH1	70	12,40
EP.662	PH2	70	14,40
EP.663	PH3	70	15,20
EP.691	PH1	90	16,10
EP.692	PH2	90	17,90



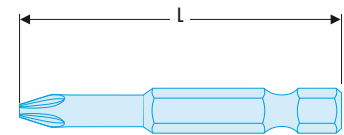
ED.6 - Standard bits series 6 for Pozidriv® screws



NF ISO 2351-2, NF ISO 1173, ISO 2351-2, ISO 1173, DIN ISO 2351-2

- Drive 1/4" - 6.35 mm with groove.

	Pozidriv [No]	L [mm]	ΔΔ [g]
ED.661	PZ1	70	12,40
ED.662	PZ2	70	14,40
ED.663	PZ3	70	15,20
ED.691	PZ1	90	16,10
ED.692	PZ2	90	17,90
ED.693	PZ3	90	18,90



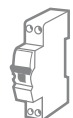
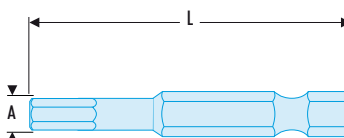
EX.6 - Standard bits series 6 for Torx® screws



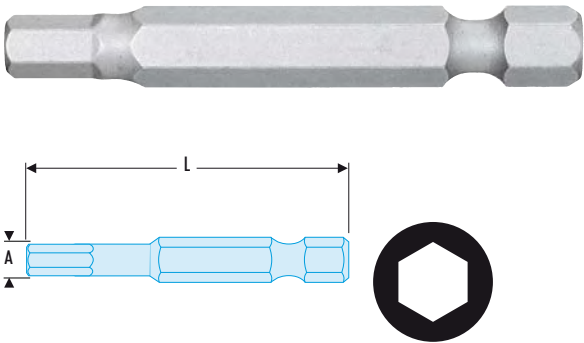
NF ISO 1173, ISO 1173

- Compliant with Torx® specifications.
- Drive 1/4" - 6.35 mm with groove.

	A [mm]	Torx [No]	d [mm]	L [mm]	ΔΔ [g]
EX.610	2,72	T10	5,2	70	8,40
EX.615	3,26	T15	5,2	70	8,60
EX.620	3,84	T20	5,6	70	9,80
EX.625	4,40	T25	5,6	70	11,50
EX.627	4,96	T27	5,8	70	12,90
EX.630	5,59	T30	6,0	70	14,50
EX.640	6,60	T40	7,1	70	17,60



EH.6 - Standard bits series 6 for countersunk hex screws



NF ISO 2351-3, NF ISO 1173, ISO 2351-3, ISO 1173, DIN ISO 2351-3
• Drive 1/4" - 6.35 mm with groove.

	⌀ [mm]	L [mm]	ΔΔ [g]
EH.603	3	50	14,40
EH.604	4	50	14,40
EH.605	5	50	15,00
EH.606	6	50	15,50
EH.608	8	50	18,00

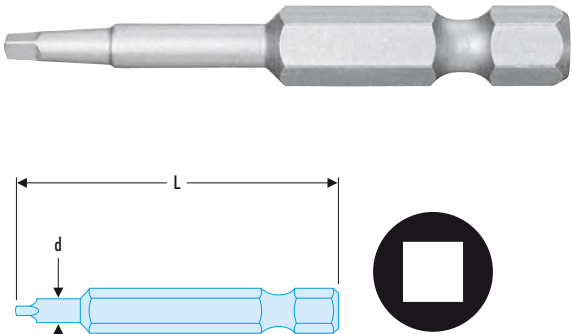
EH60 - Sets of 3 standard bits series 6



• For hex screws.
• Drive 1/4" - 6.35 mm.

	⌀ [mm]	L [mm]	Content set
EH603.J3	3	50	EH.603 (x3)
EH604.J3	4	50	EH.604 (x3)
EH605.J3	5	50	EH.605 (x3)
EH606.J3	6	50	EH.606 (x3)

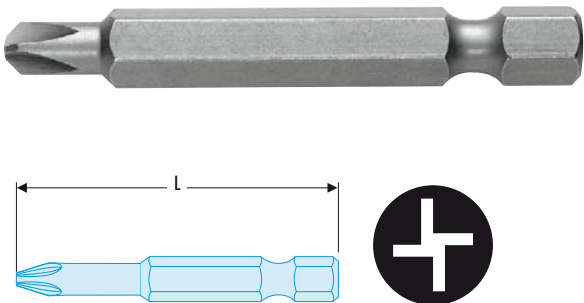
ECAR.6 - Standard bits series 6 for ROBERTSON square head screws



NF ISO 1173, ISO 1173
• Drive 1/4" - 6.35 mm with groove.

	L [mm]	Square ["]	ΔΔ [g]
ECAR.601	50	1	10
ECAR.602	50	2	12
ECAR.603	50	3	15

ETORM.6 - Standard bits series 6 for Torq set® head screws

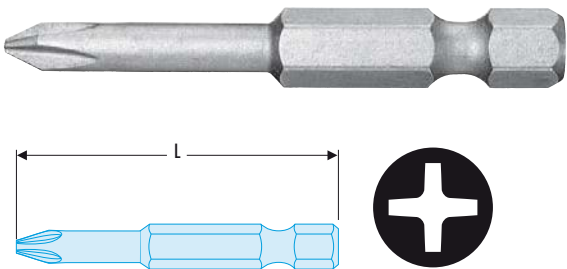


NF ISO 1173, ISO 1173
• Drive 1/4" - 6.35 mm with groove.

	Torq-set [No]	L [mm]	ΔΔ [g]
ETORM.602	2	50	12
ETORM.603	3	50	12
ETORM.604	4	50	12
ETORM.605	5	50	12
ETORM.606	6	50	12
ETORM.608	8	50	12
ETORM.610	10	50	12
ETORM.601/4	1/4	50	12

High power bits series 6 - 1/4" - 6.35 mm grooved drive

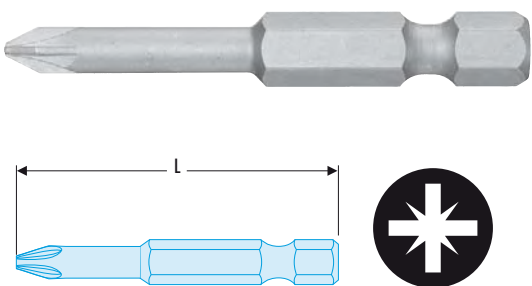
EP.60T - For Phillips® screws



NF ISO 2351-2, NF ISO 1173, ISO 2351-2, ISO 1173, DIN ISO 2351-2
• Drive 1/4" - 6.35 mm with groove.

	Phillips [No]	L [mm]	ΔΔ [g]
EP.601T	PH1	50	8,70
EP.602T	PH2	50	10,00
EP.603T	PH3	50	11,50

ED.60T - For Pozidriv® screws



NF ISO 2351-2, NF ISO 1173, ISO 2351-2, ISO 1173, DIN ISO 2351-2
• Drive 1/4" - 6.35 mm with groove.

	Pozidriv [No]	L [mm]	ΔΔ [g]
ED.601T	PZ1	50	8,70
ED.602T	PZ2	50	10,00
ED.603T	PZ3	50	11,50

Sets of high power series 6 bits - 1/4" - 6.35 mm grooved drive

EP60T - Sets of 3 bits for Phillips® screws - High Perf'



• Drive 1/4" - 6.35 mm with groove.

	Phillips [No]	L [mm]	Content set
EP601T.J3	PH1	50	EP.601T (x3)
EP602T.J3	PH2	50	EP.602T (x3)
EP603T.J3	PH3	50	EP.603T (x3)

ED60T - Sets of 3 bits for Pozidriv® screws - High Perf'

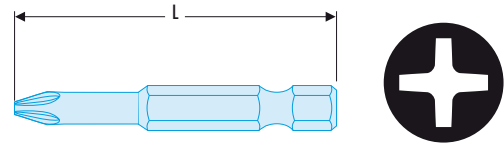


• Drive 1/4" - 6.35 mm.

	Pozidriv [No]	L [mm]	Content set
ED601T.J3	PZ1	50	ED.601T (x3)
ED602T.J3	PZ2	50	ED.602T (x3)
ED603T.J3	PZ3	50	ED.603T (x3)

High power titanium bits series 6 - 1/4" - 6.35 mm grooved drive

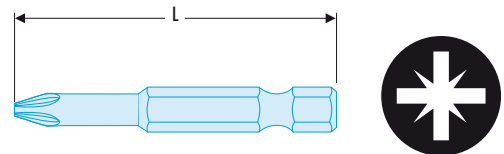
EP.6T - High Perf' titanium bits series 6 for Phillips® screws



- NF ISO 2351-2, NF ISO 1173, ISO 2351-2, ISO 1173, DIN ISO 2351-2
- For use on power or pneumatic nutrunners (except impact wrenches).
 - Drive 1/4" - 6.35 mm with groove.

	Phillips [No]	L [mm]	ΔΔ [g]
EP.631T	PH1	50	8,70
EP.632T	PH2	50	10,00
EP.633T	PH3	50	11,50

ED.6T - High Perf' titanium bits series 6 for Pozidriv® screws

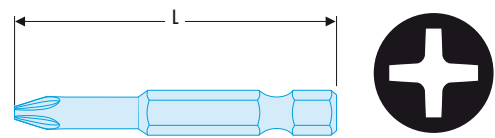


- NF ISO 2351-2, NF ISO 1173, ISO 2351-2, ISO 1173, DIN ISO 2351-2
- For use on power or pneumatic nutrunners (except impact wrenches).
 - Drive 1/4" - 6.35 mm with groove.

	Pozidriv [No]	L [mm]	ΔΔ [g]
ED.631T	PZ1	50	8,70
ED.632T	PZ2	50	10,00
ED.633T	PZ3	50	11,50

Sets of high power titanium series 6 bits - 1/4" - 6.35 mm grooved drive

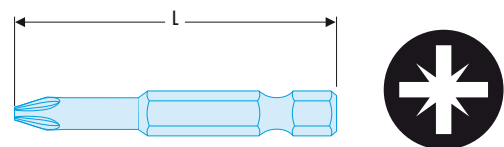
EP63T - Sets of 3 High Perf' titanium grooved bits series 6 - 50 mm



- For use on power or pneumatic nutrunners (except impact wrenches).
- Drive 1/4" - 6.35 mm.

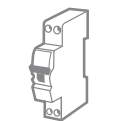
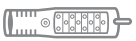
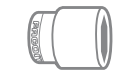
	Phillips [No]	L [mm]	Content set
EP631T.J3	PH1	50	EP.631T (x3)
EP632T.J3	PH2	50	EP.632T (x3)
EP633T.J3	PH3	50	EP.633T (x3)

ED63T - Sets of 3 High Perf' titanium bits series 6 for Pozidriv® screws



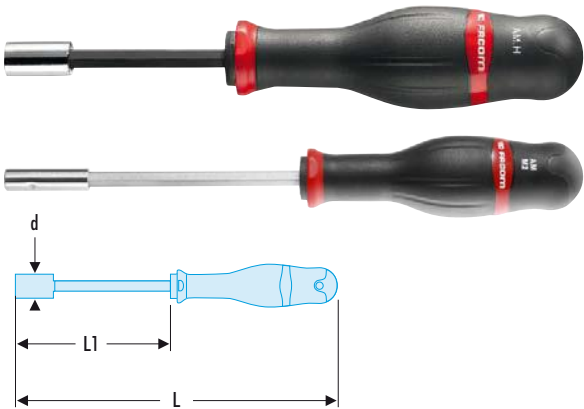
- For use on power or pneumatic nutrunners (except impact wrenches).
- Drive 1/4" - 6.35 mm with groove.

	Pozidriv [No]	L [mm]	Content set
ED631T.J3	PZ1	50	ED.631T (x3)
ED632T.J3	PZ2	50	ED.632T (x3)
ED633T.J3	PZ3	50	ED.633T (x3)



Bit holders and accessories for manual screwing

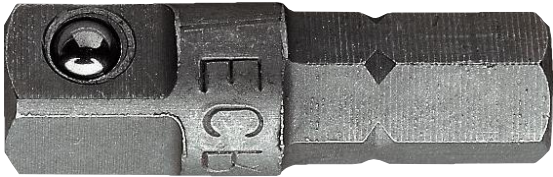
AM - PROTWIST® bit holder screwdrivers



- Hexagonal - 1/4" - 6.35 mm drive.
- AM.H Snap-ring model.
- AM.M1 Sgort magnetic model.
- AM.M2 Long magnetic model.

	d [mm]	L [mm]	L1 [mm]	ΔΔ [g]
AM.H	11	180	75	80
AM.M1	10	180	63	120
AM.M2	10	245	125	150

ECR Socket holder bit - square 1/4"



- NF ISO 1173, ISO 1173**
- Bit to use 1/4" sockets with the torque screwdrivers series A.400 - A.440 - A.301MT - A.341MT.
 - Hexagonal - 1/4" - 6.35 mm drive.
 - Length: 25 mm.
 - Weight: 15 g.

Snap ring bit holder sockets



- NF ISO 2725-1, NF ISO 1173, ISO 2725-1, ISO 1173, DIN 3124**
- For bits series 1 - 1/4" - 6.35 mm drive.
 - The sockets Ref R.235 - J.235 - SJ.235 include a standard clip for frequent removal.
 - The socket Ref R.245 includes a retaining clip ensuring the bits are held firmly. For rare removal, the drive is fitted with a hole for ball or plunger locking.

	A ["]	d [mm]	L [mm]	Square ["]	ΔΔ [g]
R.235	1/4	11,3	22	1/4	10
R.245	1/4	11,3	22	1/4	10
J.235	1/4	18,0	30	3/8	26
SJ.235	1/4	18,6	30	CDX	28

J-SJ-S - Snap ring bit for bits series 2



- NF ISO 2725-1, NF ISO 1173, ISO 2725-1, ISO 1173, DIN 3124**
- For bits series 2 - 5/16" - 7.94 mm drive.
 - Manual use.

	A ["]	d [mm]	d1 [mm]	L [mm]	Square ["]	ΔΔ [g]
J.236	5/16	18,0	14	30	3/8	30
SJ.236	5/16	18,6	14	30	CDX	32
S.236	5/16	23,0	14	36	1/2	54

Bit holders and accessories for non impact powered screwing

EF - Snap ring bit holder sockets



NF ISO 2725-1, NF ISO 1173, ISO 2725-1, ISO 1173, DIN 3124
• For bits series 1 - 1/4" - 6.35 mm drive.

	A ["]	L [mm]	Square ["]	ΔΔ [g]
EF.R	1/4	30	1/4	26
EF.J	1/4	43	3/8	48
EF.S	1/4	50	1/2	88

EF.6P6 Magnetic ring bit holder



NF ISO 1173, ISO 1173
• Drive 1/4" - 6.35 mm.
• Fast bit change.
• Holds the screw on the bit with a magnet.
• Length: 77 mm.
Weight: 41 g.

EF.6P5 Locking ring bit holder



NF ISO 1173, ISO 1173
• Drive 1/4" - 6.35 mm.
• Fast bit change.
• Length: 51 mm.
Weight: 31 g.

EF.6P1 Short snap ring bit holder



NF ISO 1173, ISO 1173
• Drive 1/4" - 6.35 mm.
• Length: 57 mm.
Weight: 30 g.

EF.6P3 - EF.6P4 Magnetic snap ring bit holder

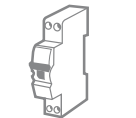
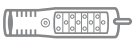


NF ISO 1173, ISO 1173 EF.6P3 • Berilium. • Length: 74 mm. Weight: 39 g.	EF.6P4 • Drive 1/4" - 6.35 mm. • Length: 75 mm. Weight: 36 g.
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EF.6R Socket holder - 1/4" square drive



NF ISO 1173, ISO 1173
• Drive 1/4" - 6.35 mm.
• Locking by plunger.
• Length: 50 mm.
Weight: 16 g.



EF.6RL Long socket holder - 1/4" square drive



- NF ISO 1173, ISO 1173
- Drive 1/4" - 6.35 mm.
 - Locking by plunger.
 - Length: 100 mm.
 - Weight: 38 g.

EF.6J Socket holder - 3/8" square drive



- NF ISO 1173, ISO 1173
- 3/8" drive.
 - Locking by plunger.
 - Length: 50 mm.
 - Weight: 25 g.

EF.6JL Long socket holder - 3/8" square drive

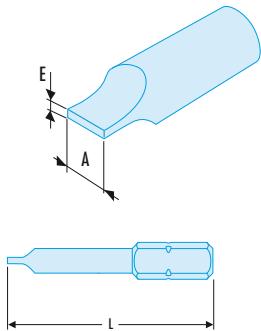


- NF ISO 1173, ISO 1173
- 3/8" drive.
 - Locking by plunger.
 - Length: 100 mm.
 - Weight: 80 g.

Series 2 impact bits

Series 2 impact bits - 5/16" - 7.94 mm drive

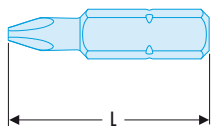
ENS.2 - Impact bits series 2 for slotted head screws



- NF ISO 1173, ISO 1173
- Use with impact screwdrivers.
 - Drive 5/16" - 7.94 mm.
 - Finish: burnt.

	A [mm]	E [mm]	L [mm]	ΔΔ [g]
ENS.205,5	5,5	0,8	41	10
ENS.206,5	6,5	1,2	41	12
ENS.208	8,0	1,2	41	14
ENS.210	10,0	1,6	41	19
ENS.212	12,0	2,0	41	22
ENS.214	14,0	2,5	41	28

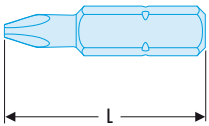
ENP.2 - Impact bits series 2 for Phillips® screws



- NF ISO 1173, ISO 1173
- Use with impact screwdrivers.
 - Drive 5/16" - 7.94 mm.
 - Finish: burnt.

	Phillips [No]	L [mm]	ΔΔ [g]
ENP.201	PH1	32	14
ENP.202	PH2	32	14
ENP.203	PH3	32	14
ENP.204	PH4	32	14

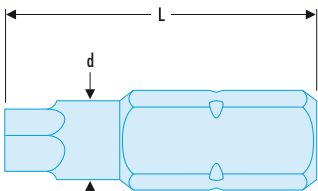
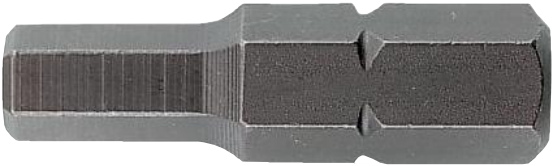
END.2 - Impact bits series 2 for Pozidriv® screws



- NF ISO 1173, ISO 1173
- Use with impact screwdrivers.
 - Drive 5/16" - 7.94 mm.
 - Finish: burnt.

	Pozidriv [No]	L [mm]	ΔΔ [g]
END.201	PZ1	32	10
END.202	PZ2	32	10
END.203	PZ3	32	11
END.204	PZ4	32	12

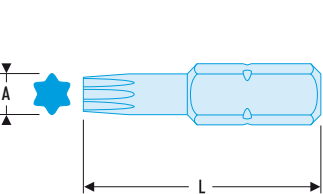
ENH.2 - Impact bits series 2 for hex countersunk screws



- NF ISO 1173, ISO 1173
- Use with impact screwdrivers.
 - Drive 5/16" - 7.94 mm.
 - Finish: burnt.

	Ø [mm]	L [mm]	ΔΔ [g]
ENH.204	4	30	9
ENH.205	5	30	10
ENH.206	6	30	11
ENH.208	8	30	13
ENH.210	10	30	17

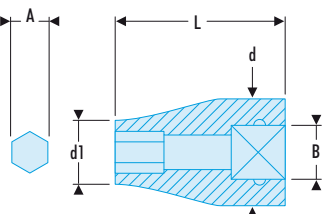
ENX.2 - Impact bits series 2 for Torx® screws



- NF ISO 1173, ISO 1173
- Compliant with Torx® specifications.
 - Use with impact screwdrivers.
 - Finish: burnt.

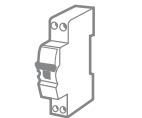
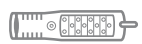
	A [mm]	Torx [No]	L [mm]	ΔΔ [g]
ENX.220	3,84	T20	35	13
ENX.225	4,40	T25	35	13
ENX.227	4,96	T27	35	13
ENX.230	5,49	T30	35	15
ENX.240	6,60	T40	35	15
ENX.245	7,77	T45	35	15
ENX.250	8,79	T50	35	18
ENX.255	11,77	T55	35	31

NJ-NS.236A - Bit holder impact sockets



- NF ISO 1711-2, ISO 1711-2, DIN 3121,
- For your safety, use the locking rings and pins.
 - Finish: burnt.

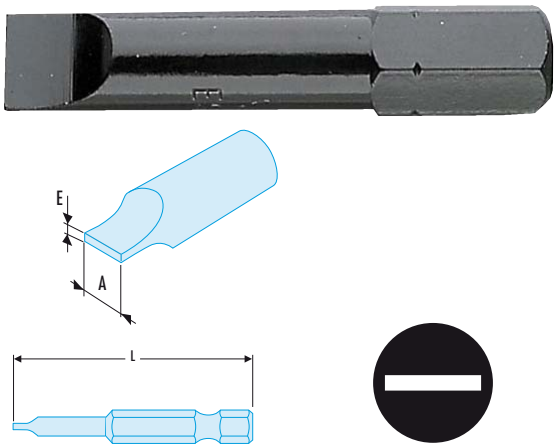
	A ["]	d [mm]	d1 [mm]	L [mm]	Square ["]	BA	GA	ΔΔ [g]
NJ.236A	5/16	19	14,0	37	3/8	BA.16A	GA.15A	35
NS.236A	5/16	25	15,5	40	1/2	BA.20A	GA.20A	65



Series 3 impact bits

Series 3 impact bits - 1/2" - 12.7 mm drive

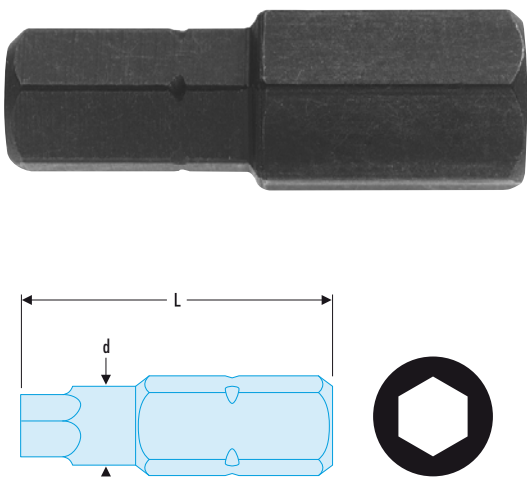
ENS.3 - Impact bits series 3 for slotted head screws



- NF ISO 1173, ISO 1173
- Use with impact wrenches.
 - Finish: burnt.
 - Drive 1/2" - 12.7 mm.

	E [mm]	L [mm]	ΔΔ [g]
ENS.312	2,0	50	40
ENS.314	2,5	50	46
ENS.316	2,5	50	59

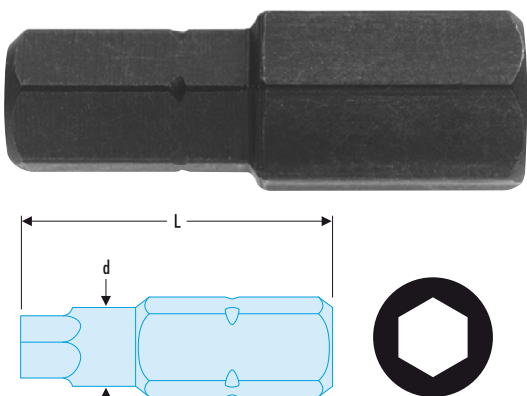
ENH.3 - Impact bits series 3 for metric hex countersunk screws



- NF ISO 1173, ISO 1173
- Use with impact wrenches.
 - Drive 1/2" - 12.7 mm.
 - Finish: burnt.

	A [mm]	L [mm]	ΔΔ [g]
ENH.303	3	50	20
ENH.304	4	50	22
ENH.305	5	50	22
ENH.306	6	50	24
ENH.307	7	50	24
ENH.308	8	50	24
ENH.310	10	50	30
ENH.311	11	50	40
ENH.312	12	50	45
ENH.314	14	50	55
ENH.317	17	50	73
ENH.319	19	50	86

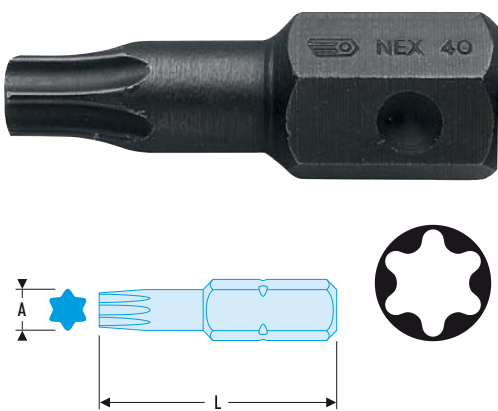
ENH.3 - Impact bits series 3 for inch hex countersunk screws



- NF ISO 1173, ISO 1173
- Use with impact wrenches.
 - Drive 1/2" - 12.7 mm.
 - Finish: burnt.

	A ["]	L [mm]	ΔΔ [g]
ENH.301/2	1/2	50	48
ENH.309/16	9/16	50	57
ENH.305/8	5/8	50	65
ENH.303/4	3/4	50	86
ENH.307/16	7/16	50	40

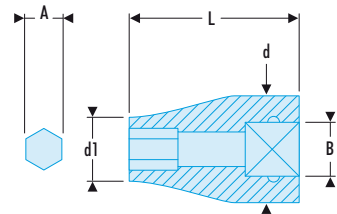
NEX - Impact bits series 3 for Torx® screws



- NF ISO 1173, ISO 1173
- Compliant with Torx® specifications.
 - Use with impact wrenches.
 - Drive 1/2" - 12.7 mm

	A [mm]	Torx [No]	L [mm]	ΔΔ [g]
NEX.25A	4,40	T25	50	18
NEX.27A	4,96	T27	50	18
NEX.30A	5,49	T30	50	20
NEX.40A	6,60	T40	50	25
NEX.45A	7,77	T45	50	25
NEX.50A	8,79	T50	50	30
NEX.55A	11,17	T55	50	38
NEX.60A	13,20	60	50	45
NEX.70A	15,49	T70	50	55

■ NJ-NS.237A - Bit holder impact sockets



- NF ISO 1711-2, ISO 1711-2, DIN 3121,
- Use with impact wrenches.
 - For your safety, use the locking rings and pins.
 - Finish: burnt.

	A ["]	d [mm]	d1 [mm]	L [mm]	Square ["]	BA	GA	ΔΔ [g]
NJ.237A	1/2	19	19	37	3/8	BA.16A	GA.15A	40
NS.237A	1/2	25	20	40	1/2	BA.20A	GA.20A	40

Impact bits sets

■ JHX.14 Case with 14 impact 3/8" bits

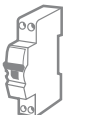
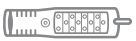
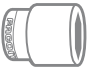


- Including:
 - 2 bit holder sockets 3/8" drive, 1/2" and 5/16" hex (NJ.236A - NJ.237A).
 - 6 hex impact bits: 6 - 7 - 8 - 10 - 12 - 14 mm (ref. ENH.306 - ENH.307 - ENH.308 - ENH.310 - ENH.312 - ENH.314).
 - 5 Torx® impact bits: T30 - T40 - T45 - T50 - T55 (Ref. NEX.30A - NEX.40A - NEX.45A - NEX.50A - NEX.55A).
 - 3 Phillips impact bits: PH2 - PH3 - PH4 (Ref. ENP.202 - ENP.203 - ENP.204).
 - Plastic case BP.102, dim. (L. x W. x H.): 204 x 122 x 52 mm.
 - Heat-formed tray PL402A.
- Weight: 780 g.

■ NHX.14A Case with 14 impact 1/2" bits



- Including:
 - 2 bit holder sockets 1/2", 1/2" and 5/16" hex drive.
 - 6 hex: 6 - 7 - 8 - 10 - 12 - 14 mm.
 - Torx® no. 30 - 40 - 45 - 50 - 55.
 - Phillips® no. 2 - 3 - 4.
 - Plastic case BP.102, dim. (L. x W. x H.): 204 x 122 x 52 mm.
 - Heat-formed tray PL402A.
- Weight: 800 g.



3/8" drive series

IMPACT SCREWDRIVERS

For loosening seized, rusted or stuck fasteners quickly and in complete safety

- Choose the correct bit for the screw head pattern and hit the driver with a mallet.
- Hitting the handle of the driver compresses a spring that fires the bit into rotation to loosen the screw. As there is no hard, repeated impact as is the case with impact wrenches, there is less risk of damage to the screw pattern.
- Also suitable for tightening.

SAFETY FIRST

- Do not use anything other than a dead-blow hammer to avoid damaging the driver (see section 10).
- Wear eye protection (See section 15).



▣ NJ.260 Impact screwdriver 3/8" drive



- 3/8" drive = 9.53 mm.
- Torque: 200 N.m.
- Diameter: 32 mm.
- Length: 160 mm.
- Finish: chromed.
- Weight: 795 g.

▣ NJ.261M Set of 12 impact screwdrivers



- Including:
 - END no. 2 - 3: Pozidriv® bits.
 - ENP no. 2 - 3: Phillips® bits.
 - ENS: 6.5 - 8 - 10 mm: Slotted head screw bits.
 - ENH: 5 - 6 - 8 mm: Hex bits.
 - NJ.236A.
 - NJ.260.
 - Plastic case BP.115.
 - Heat-formed tray PL.72A.
- Weight: 1.72 kg.

▣ NJ.262 Set of 16 impact screwdrivers



- Including:
 - END no. 2 - 3 - 4: Pozidriv® bits.
 - ENP no. 2 - 3 - 4: Phillips® bits.
 - ENS: 6.5 - 8 - 10 mm: Slotted head screw bits.
 - ENX no. 20 -25 -27 -30 -40: Torx® impact bits.
 - NJ.236A.
 - NJ.260.
 - Plastic case BP.115.
 - Heat-formed tray PL.73A.
- Weight: 1.78 kg.

1/2" drive series

■ **NS.260A** Impact screwdriver 1/2" drive



- 3/8" drive = 9.53 mm.
- Torque: 200 N.m.
- Diameter: 32 mm.
- Length: 160 mm.
- Finish: chromed.
- Weight: 795 g.

■ **NS.263M** Set of 13 impact screwdrivers



- Including:
- END no. 2 - 3 - 4: Pozidrv® bits.
- ENS: 8 - 10 - 12 - 14 mm: Slotted head screw bits.
- ENH: 5 - 6 - 8 - 10 mm: Hex bits.
- NS.236A.
- NS.260A.
- Plastic case BP.115.
- Thermoformed module PL.49A.
- Weight: 1.78 kg.

■ **MOD.NS260** Impact screwdriver module

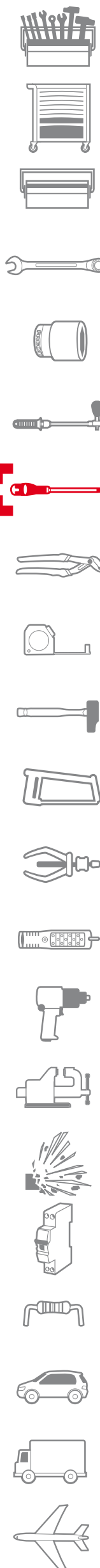


- Including:
- NS.260A: Impact screwdriver 1/2" drive.
- NS.236A: Bit holder socket with 1/2" to 5/16" drive bit.
- 15 impact bits: ENH.5 - ENH.6 - ENH.8 - ENH.10 - END.2-2 - END.2-3 - ENP.2-2 - ENP.2-3 - ENP.2-4 - ENX.2-20 - ENX.2-25 - ENX.2-30 - ENX.2-40 - ENX.2-45 - ENX.2-55.
- Heat-formed tray PL380.
- Weight: 1.25 kg.

■ **NS.265M** Set of 21 impact screwdrivers



- 1/2" drive = 12.7 mm.
- Torque: 400 N.m.
- Including:
- END no. 2 - 3 - 4: Pozidrv® bits.
- ENP no. 2 - 3 - 4: Phillips® bits.
- ENS no. 8 - 10 - 12 - 14 mm: Slotted head screw bits.
- ENH no. 5 - 6 - 8 - 10 mm: Hex bits.
- ENX no. 20 - 30 - 40 - 45 - 50: Torx® impact bits.
- NS.236A: Bit holder impact socket.
- NS.260A: Impact screwdrivers.
- Plastic case BP.115.
- Heat-formed tray PL50A.
- Weight: 1.92 kg.



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