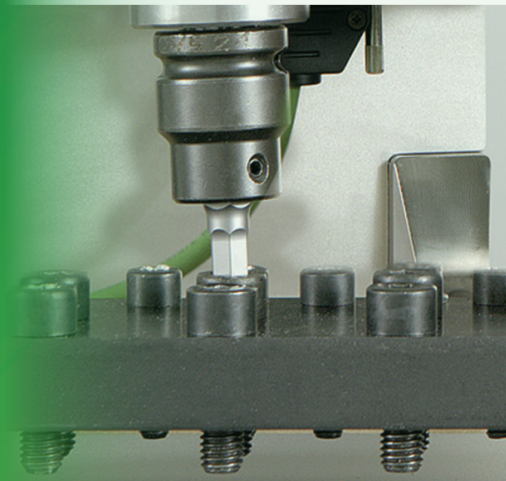


ACCESSORIES



Inserting Tools for Screwdrivers

- Bits
- Sockets
- Finders
- Bit holders



With the longest lifetime and highest wear resistance combined with the best fits, our inserting tools are designed for the industrial use.

The large variety of this assortment combines standard inserts and inserts for special applications. If those cannot be used, With the longest lifetime and highest wear resistance combined with the best fits, our inserting tools are designed for the industrial use.

The large variety of this assortment combines standard inserts and inserts for special applications. If those cannot be used, we also offer custom made bits. Whatever fastener needs to be assembled, we have the right tool for you. To achieve the utmost economical solution in regard to wear, usage and price, DEPRAG will support you with detailed advise and service. Please don't hesitate to ask us.

PRODUCT SPECTRUM INSERTING TOOLS

Inserting Tools

Type of Screw

find on

for NANOMAT and MICROMAT Screwdrivers

bits, finders	slotted screws	Page 3
bits, finders, bit holders	PHILLIPS and POZIDRIV screws	Page 4
bits, bit holders	allen screws, torx screws and threaded pins	Page 4/5
sockets with shaft	hex. screws and hex. nuts	Page 5
semi-finished bits and finders, special bits	–	Page 5

for MINIMAT, Recycling, Slip clutch, Pulse tools, Electric Screwdrivers

bits, finders, bit holders, special bits	slotted screws	Page 6/7
bits, finders, bit holders	PHILLIPS and POZIDRIV screws	Page 8/9
threaded bit tips, bit holder (threaded), semi-finished finders, special bits, adapters and chuck for stud screws		Page 10/11
threaded bit tips	torx screws	Page 10
bits, bit holders	allen screws, torx screws and threaded pins	Page 12/13

for SENSOMAT and MINIMAT-T Screwdrivers

sensor sleeves, bits	slotted screws	Page 14/15
sensor sleeves, bits, bit holders	PHILLIPS and POZIDRIV screws	Page 14/15

for Ratchet wrench

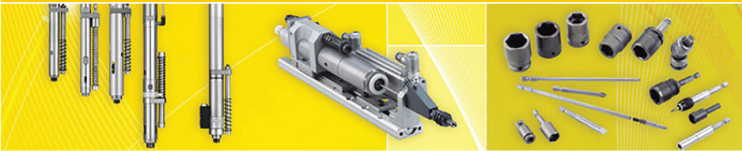
sockets, holder	hex. screws and hex. nuts	Page 16
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for MINIMAT, Recycling, Slip clutch, Pulse tools, Electric Screwdriver, Impact Wrenches and EC-SERVO Screwdriver

sockets	hex. screws and hex. nuts	Page 16/17/18
extensions / ball joints	internal-□, external-□	Page 18/19
bits, holder	internal hex. screws, threaded pins	Page 19/20
chuck for stud screws	stud screws	Page 19
locking pins and rubber rings	–	Page 20

FIND A MUCH LARGER RANGE OF INSERTING TOOLS ON THE INTERNET

Inserting Tools for Screwdrivers



Your Online Selection Tool

☐ One stop shop
 ☐ Process reliable
 ☐ Efficient
 ☐ Economical
 ☐ High degree of reusability

shape of bit tip:

size of bit tip:

drive:

length of bit:



This brochure shows a small selection of inserting tools available for our NANOMAT/MICROMAT/MINIMAT screwdrivers.

You will find a much larger range of these inserting tools on our website:

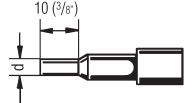
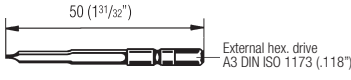
Online Selection Tool

This selection program is updated permanently and allows you to look for suitable inserting tools for your DEPRAG screwdriver yourself.

Simply pick the required parameters from the shown listing by mouse click and you will get the respective part no. including an information about the lead time.

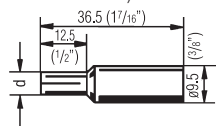
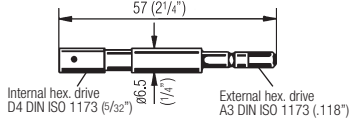
All you have to do now is to send an inquiry to export@deprag.de via e-mail and we will arrange to send you our related offer either directly or via our respective local representative.

Bits, finders (without and with screw suction)

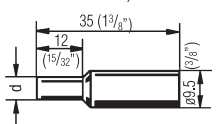
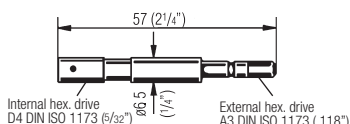
slotted screws		finder 1) *)			bit		
							
head dia.		d		Part no.	blade		Part no.
mm	in.	mm	in.		mm	in.	
3.0	.118	4.0	.16	325612	0.4 x 2.0	.016 x .080	341689
3.0	.118	4.0	.16	341697	0.4 x 2.5	.016 x .098	341690
3.8	.150	4.8	.19	323862	0.5 x 3.0	.020 x .122	323854
4.2	.165	5.3	.21	341739	0.6 x 3.5	.024 x .134	341691
4.3	.170	5.5	.22	341740	0.5 x 3.0	.020 x .122	323854
4.5	.177	5.6	.22	341698	0.6 x 3.5	.024 x .134	341691
4.7	.185	5.8	.23	341702	0.6 x 3.5	.024 x .134	341691
5.6	.220	6.6	.26	323864	0.8 x 4.0	.032 x .154	341692

1) hereto spring sleeve cpl., see leaflet of respective screwdriver accessories (optional equipment)

Bits, slotted finders, bit holder (non-magnetic)

slotted screws		finder *)			bit			bit holder (non-magnetic)	
									
head dia.		d		Part no.	blade		Part no.	Part no.	
mm	in.	mm	in.		mm	in.			
3.8	.150	5.0	.20	803940	0.5 x 3	.020 x .122	803606	803930	
4.2	.165	5.5	.22	341783	0.6 x 3.5	.024 x .134	803935		
4.3	.170	5.5	.22	—	0.5 x 3	.020 x .122	803606		
4.5	.177	6.0	.24	—	0.6 x 3.5	.024 x .134	803935		
4.7	.185	6.0	.24	—	0.6 x 3.5	.024 x .134	803935		
5.5	.216	7.0	.28	803943	0.8 x 4	.032 x .154	803607		
5.6	.220	7.0	.28	—	0.8 x 4	.032 x .154	803607		

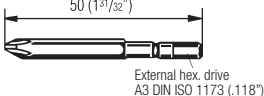
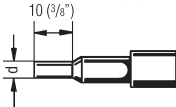
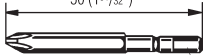
Bits, finders, bit holder (magnetic)

slotted screws		finder *)			bit			bit holder (non-magnetic)	
									
head dia.		d		Part no.	blade		Part no.	Part no.	
mm	in.	mm	in.		mm	in.			
3.8	.150	5.0	.20	803945	0.5 x 3	.020 x .122	803606	803929	
4.2	.165	5.5	.22	803949	0.6 x 3.5	.024 x .134	803935		
4.3	.170	5.5	.22	803946	0.6 x 3.5	.024 x .134	803935		
4.5	.177	5.5	.22	803946	0.6 x 3.5	.024 x .134	803935		
4.7	.185	6.0	.24	803946	0.6 x 3.5	.024 x .134	803935		
5.5	.216	7.0	.28	803948	0.8 x 4	.032 x .154	803607		
5.6	.220	7.0	.28	803948	0.8 x 4	.032 x .154	803607		

*) suitable for MICROMAT screwdrivers. Finders for NANOMAT on special request.

FOR NANOMAT and MICROMAT SCREWDRIVER

Bits, finders (without and with screw suction)

 PHILLIPS screws POZIDRIV screws			without screw suction bit		finder 1) *)			with screw suction	
			 50 (1³¹/32") External hex. drive A3 DIN ISO 1173 (.118")		 10 (3/8") d			 50 (1³¹/32") bit External hex. drive A3 DIN ISO 1173 (.118")	
point size	head dia. mm	in.	PHILLIPS Part no.	POZIDRIV Part no.	mm	d in.	Part no.	PHILLIPS Part no.	POZIDRIV Part no.
0	3.0	.118	323906	803613	3.8	.15	323861	323906	353571
0	3.2	.125			4.2	.16	329719		
1	3.8	.150			4.8	.19	323862		
1	4.0	.157			5.2	.20	326230		
1	4.2	.165	323907	323908	5.2	.20	324571	325741	330201
1	4.3	.170			5.2	.20			
1	4.7	.185			5.7	.22	324341		
1	5.0	.196			6.6	.26	326231		
1	5.5	.216			6.6	.26	323864	323907	323908
1	5.6	.220			6.6	.26			
1	6.0	.236			7.0	.27	324659		

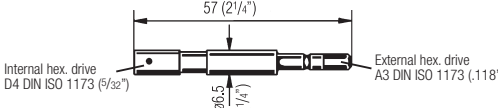
1) hereto spring sleeve cpl., see leaflet of respective screwdriver accessories (optional equipment)

*) suitable for MICROMAT screwdriver. Finders for NANOMAT on special request.

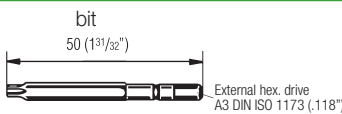
Bits, bit holders (non-magnetic and magnetic)

 PHILLIPS screws POZIDRIV screws		bit		bit holder (non-magnetic) or bit holder (magnetic)	
point size		PHILLIPS Part no.	POZIDRIV Part no.	Part no.	Part no.
0		803950	803924	803930	803929
1		803951	803925		
2		803952	803612		

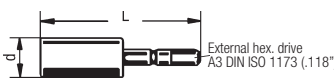
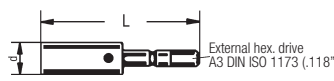
Bits, bit holders (non-magnetic and magnetic)

 allen screws, threaded pins Torx screws 		allen bit  External hex. drive C4 DIN ISO 1173 (6/32")	Torx bit  External hex. drive C4 DIN ISO 1173 (6/32")	bit holder (non-magnetic) or bit holder (magnetic) 	
AF mm	Torx size	Part no.	Part no.	non-magnetic Part no.	magnetic Part no.
0.9	—	803955	—	803930	803929
1.5	—	803956			
1.5	T 6		803600		
—	T 7	—	803604		
2	T 8	803957	803601		
—	T 9	—	803603		
2	T 10	803957	803602		
2.5	T 10	803958			
3	T 15	803959			

Bits

			
Torx size		Part no.	
T 6		803926	
T 7		803586	
T 8		803587	
T 10		803589	

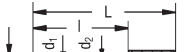
Sockets with shaft (without and with screw suction)

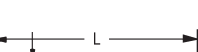
	hex. screws	without screw suction						with screw suction					
	hex. nuts	socket with shaft						spring sleeve *)					
													
													
AF	AF	d		L		Part no.		d		L		Part no.	
mm	in.	mm	in.	mm	in.			mm	in.	mm	in.		
4.0	5/32	8	5/16	43	1 11/16	803960	330633	7	9/32	40	1 9/16	324587	
5.0	—	9	23/64	43	1 11/16	803961	330634	8	5/16	40	1 9/16	324588	
5.5	7/32	10	23/64	43	1 11/16	803962		8	5/16	44	1 23/32	324589	

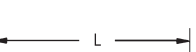
Semi-finished bits and finders (not hardened)

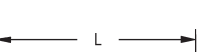
special bits

finder *)





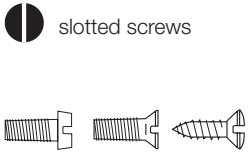
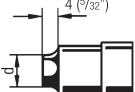
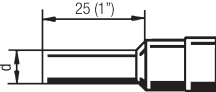
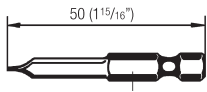
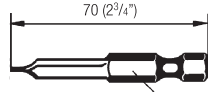




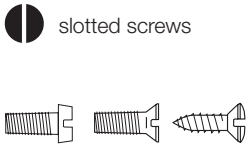
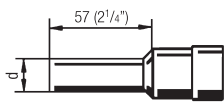
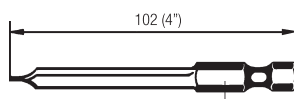
D		d ₁		d ₂		L		l		t		Part no.	d		L		blade		L		point size	mm	in.	PHILLIPS Part no.	POZIDRIV Part no.		
mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.		mm	in.	mm	in.	mm	in.	mm	in.							
5.0	.20	1.5	.06	3.0	.12	30.5	1 ¹³ / ₆₄	24	1 ⁵ / ₁₆	19.5	4 ⁹ / ₆₄	490013V	3.6	.14	102	4	490230V	0.20x1.0	.008x.040	50	1 ³¹ / ₃₂	324098	1	75	2 ¹⁵ / ₁₆	328176	333917
5.5	.22	1.5	.06	3.9	.15	30.5	1 ¹³ / ₆₄	24	1 ⁵ / ₁₆	19.5	4 ⁹ / ₆₄	490014V	3.6	.14	130	5 ¹ / ₈	490229V	0.25x1.5	.010x.060	50	1 ³¹ / ₃₂	324099	1	90	3 ⁹ / ₁₆	339921	339922
6.6	.26	1.5	.06	4.8	.19	31.5	1 ¹ / ₄	25	3 ¹ / ₃₂	20.5	1 ³ / ₁₆	490015V	4.0	.16	100	3 ¹⁵ / ₁₆	490228V	0.25x2.0	.010x.080	50	1 ³¹ / ₃₂	324100	1	102	4	327520	337990
6.6	.26	—	—	4.8	.19	84.5	3 ²¹ / ₆₄	78	3 ¹ / ₁₆	20.5	1 ³ / ₁₆	490069V	4.0	.16	152	6	490212V	0.40x4.0	.016x.154	90	3 ⁹ / ₁₆	339923	0	152	6	348426	—
																		0.50x4.0	.020x.154	90	3 ⁹ / ₁₆	339924	1	152	6	348430	348431
																		0.70x4.0	.028x.154	90	3 ⁹ / ₁₆	339925					

*) suitable for MICROMAT screwdriver. Spring sleeves or finder for NANOMAT on special request.

FOR MINIMAT, RECYCLING, SLIP CLUTCH SCREWDRIVERS

Bits, finders											
		short execution without screw suction 					long execution without screw suction 				
		 External hex. drive E6.3 DIN ISO 1173 (1/4")					 External hex. drive E6.3 DIN ISO 1173 (1/4")				
							with screw suction (only MINIMAT straight screwdr. size 1 and size 2)				
head dia.		d	finder 1)	blade	bit		d	finder 1)	blade	bit	
mm	in.	mm	in.	mm	in.	Part no.	mm	in.	mm	in.	Part no.
3.8	.150	5.5	.22	0.5 x 3	.020 x .122	804001	6	.24	0.5 x 3	.020 x .122	804021
4	.157	5.5	.22	0.5 x 3	.020 x .122		—	—	—	—	—
4.2	.165	5.5	.22	0.5 x 3	.020 x .122		6	.24	0.5 x 3	.020 x .122	804021
4.3	.170	6	.24	0.6 x 3.5	.024 x .134	803598	6	.24	0.5 x 3	.020 x .122	
4.5	.177	6	.24	0.6 x 3.5	.024 x .134		6	.24	0.5 x 3	.020 x .122	
4.7	.185	7	.28	0.6 x 3.5	.024 x .134	803590	6.5	.26	0.5 x 3	.020 x .122	803595
5	.196	7	.28	0.6 x 4.5	.024 x .177		—	—	—	—	
5.6	.220	7	.28	0.8 x 4	.032 x .154		7	.28	0.8 x 4	.032 x .154	
6	.236	7.5	.30	0.8 x 5.5	.032 x .215	804012	7.5	.30	0.8 x 4	.032 x .154	803596
6.5	.255	8.5	.33	0.8 x 4	.032 x .154		—	—	—	—	
6.9	.271	8.5	.33	1 x 5.5	.038 x .215		8.5	.33	1 x 5.5	.038 x .215	803596
7	.275	8.5	.33	0.8 x 5.5	.032 x .215	804012	—	—	—	—	
7	.275	8.5	.33	1 x 5.5	.038 x .215		8.5	.33	1 x 5.5	.038 x .215	
7.5	.295	9.5	.37	1 x 5.5	.038 x .215	803593	9	.35	1 x 5.5	.038 x .215	803596
8.2	.323	9.5	.37	1.2 x 6.5	.046 x .255		9.5	.37	1.2 x 6.5	.046 x .255	
8.3	.326	10.5	.41	1 x 5.5	.038 x .215	803593	—	—	—	—	803873
8.5	.334	12	.47	1.2 x 8	.046 x .255		10	.39	1.2 x 6.5	.046 x .255	
9	.354	10.5	.41	1 x 5.5	.038 x .215		—	—	—	—	804027
9.2	.362	12	.47	1.2 x 8	.046 x .312	804007	11	.43	1.2 x 8	.046 x .312	
9.5	.374	12	.47	1.2 x 8	.046 x .312		11	.43	1.2 x 8	.046 x .312	
10	.395	12	.47	1.2 x 8	.046 x .312	803594	12	.47	1.6 x 8	.063 x .312	803597
10	.395	12	.47	1.6 x 8	.063 x .312		12	.47	1.6 x 8	.063 x .312	
11	.433	13	.51	1.6 x 8	.063 x .312		13	.51	1.6 x 8	.063 x .312	

FOR MINIMAT, SLIP CLUTCH SCREWDRIVERS

Special bits, finders											
											
		External hex. drive E6.3 DIN ISO 1173 (1/4")									
head dia.		d	finder 1)	blade	bit		d	finder 1)	blade	bit	
mm	in.	mm	in.	mm	in.	Part no.	mm	in.	mm	in.	Part no.
3.8	.150	—	—	—	—	353891	—	—	—	—	804013
4	.157	—	—	—	—		0.7 x 3.5	.028 x .134	—	—	
4.2	.165	6	.24	—	—		0.7 x 3.5	.028 x .134	—	—	
4.3	.170	6	.24	—	—	353892	0.7 x 3.5	.028 x .134	—	—	804014
4.5	.177	6	.24	—	—		0.7 x 3.5	.028 x .134	—	—	
4.7	.185	6.5	.26	—	—		0.7 x 3.5	.028 x .134	—	—	
5	.196	—	—	—	—	353897	—	—	—	—	804018
5.6	.220	7	.28	—	—		0.8 x 4	.032 x .154	—	—	
6	.236	7.5	.30	—	—		0.8 x 4.7	.032 x .187	—	—	
6.5	.255	—	—	—	—	332770	—	—	—	—	804015
6.9	.271	8.5	.33	—	—		0.9 x 5.5	.036 x .215	—	—	
7	.275	—	—	—	—		—	—	—	—	804019
7	.275	8.5	.33	—	—	332770	0.9 x 5.5	.036 x .215	—	—	
7.5	.295	9	.35	—	—		1 x 6.3	.038 x .250	—	—	
8.2	.323	9.5	.37	—	—	333681	1 x 7	.038 x .275	—	—	804016
8.3	.326	—	—	—	—		—	—	—	—	
8.5	.334	10	.39	—	—		1 x 7	.038 x .275	—	—	
9	.354	—	—	—	—	331735	—	—	—	—	804017
9.2	.362	11	.43	—	—		1.2 x 8	.046 x .312	—	—	
9.5	.374	11.5	.45	—	—		1.2 x 8	.046 x .312	—	—	
10	.395	12	.47	—	—	326388	1.2 x 8	.046 x .312	—	—	804017
10	.395	12	.47	—	—		1.2 x 8	.046 x .312	—	—	
11	.433	13	.51	—	—		1.2 x 8	.046 x .312	—	—	

¹⁾ hereto spring sleeve cpl., see leaflet of respective screwdriver accessories (optional equipment)

Bits, finders, bit holders (non-magnetic and magnetic)

without screw suction / with screw suction (only MINIMAT straight screwdriver size 1 and size 2)

			External hex. drive E6.3 DIN ISO 1173 (1/4")		
			External hex. drive E6.3 DIN ISO 1173 (1/4")		

1) hereto spring sleeve cpl., see leaflet of respective screwdriver accessories (optional equipment)

FOR MINIMAT, RECYCLING, SLIP CLUTCH, PULSE TOOLS, ELECTRIC SCREWDRIVERS



PHILLIPS screws

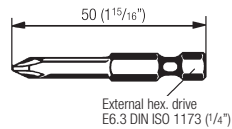


POZIDRIV screws

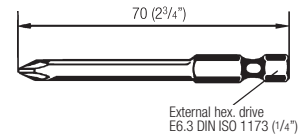


Bits

short execution
without screw suction



long execution
without screw suction



point size	head dia.		PHILLIPS Part no.	POZIDRIV Part no.	PHILLIPS Part no.	POZIDRIV Part no.
	mm	in.				
0	3.8	.150	804040	—	804045	—
1	3.8	.150	804041	803985	804046	803988
1	4	.157				
1	4.3	.170				
1	4.7	.185				
1	5	.196				
1	5.6	.220				
1	6	.236	804042	803986	804047	803989
2	6.5	.255				
2	6.9	.271				
2	7	.275				
2	7.5	.295				
2	8.2	.323				
2	8.3	.326				
2	9	.354				
2	9.2	.362				
2	9.5	.374				
2	10	.395	804043	803987	804048	803990
3	11	.433				
3	12	.472				
3	12.5	.492				
4	14.5	.573	804044	803991	—	—
4	16	.630				

FOR MINIMAT, RECYCLING, SLIP CLUTCH, ELECTRIC SCREWDRIVERS



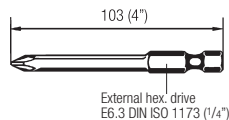
PHILLIPS screws



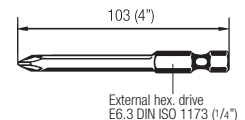
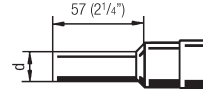
POZIDRIV screws



without
screw suction



with screw suction (only
MINIMAT straight screwdriver size 1 and size 2)

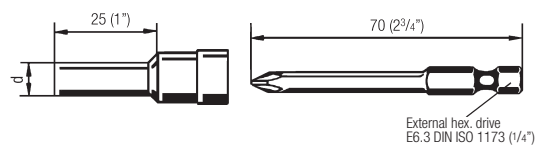


point size	head dia.		PHILLIPS Part no.	POZIDRIV Part no.	finder 1)		PHILLIPS Part no.	POZIDRIV Part no.
	mm	in.			mm	d in.		
1	3.8	.150	324963	324686	7	.28	—	353921
1	4	.157			7	.28	353931	
1	4.3	.170			7	.28	353933	
1	4.7	.185			7	.28	353934	
1	5	.196			7	.28	353935	
1	5.6	.220			7.5	.30	334181	
1	6	.236	324331	324842	7.5	.30	333680	324963
2	6.5	.255			—	—	—	
2	6.9	.271			8.5	.33	338337	324331
2	7	.275			—	—	—	
2	7.5	.295			9	.35	346365	324331
2	8.2	.323			10	.39	344104	
2	8.3	.326			—	—	—	—
2	9	.354			—	—	—	
2	9.2	.362			11	.43	331735	324331
2	9.5	.374			11.5	.45	351813	
2	10	.395			12	.47	326388	

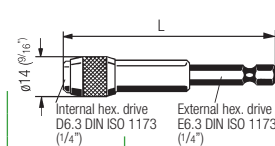
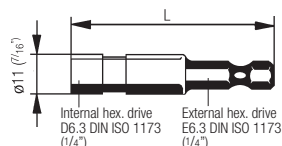
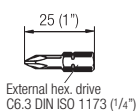
¹⁾ hereto spring sleeve cpl., see leaflet of respective screwdriver accessories (optional equipment)

Bits, finders

long execution, with screw suction (only
MINIMAT straight screwdriver size 1 and size 2)

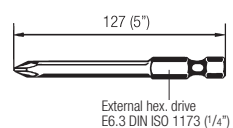


mm	d	finder 1)	PHILLIPS	POZIDRIV
	in.	Part no.	Part no.	Part no.
6	.24	325246	804045	—
6	.24	330742	338894	339140
5	.20	325247	—	—
6	.24	325249	—	—
6.5	.26	329280	—	—
6.5	.26	325220	804046	803988
7	.28	325181	—	—
7.5	.30	—	—	—
—	—	—	—	—
8.5	.33	325251	804047	803989
—	—	—	—	—
9	.35	325260	804047	803989
9.5	.37	325253	—	—
—	—	—	—	—
—	—	—	—	—
11	.43	325255	804047	803989
11	.43	325256	—	—
12	.47	325170	804048	803990
13	.51	342260	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—

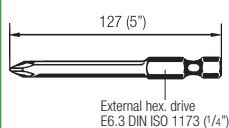
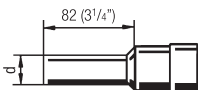
Bits, bit holders (non-magnetic and magnetic)

mm	L	in.	non-magnetic	mm	L	in.	magnetic	mm	L	in.	magnetic and quick change chuck
			Part no.				Part no.				Part no.
57	2 1/4		804602	100	3 15/16		337722	51.5	2 1/32		821692
102	4		8046391	150	5 29/32		330744	76.5	3		820150
152	6		8046141	204	8 1/32		335481	151.5	5 31/32		358131
203	8		8129441	250	9 27/32		334086	—	—	—	—
—	—	—	—	300	11 13/16		330745	—	—	—	—

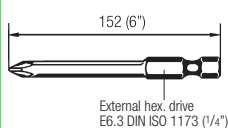
without
screw suction



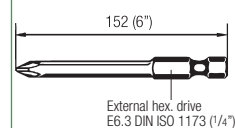
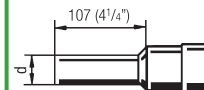
with screw suction (only
MINIMAT straight screwdriver size 1 and size 2)



without
screw suction



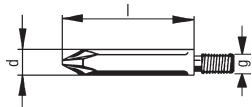
with screw suction (only
MINIMAT straight screwdriver size 1 and size 2)



PHILLIPS	POZIDRIV	d	finder 1)	PHILLIPS	POZIDRIV	PHILLIPS	POZIDRIV	d	finder 1)	PHILLIPS	POZIDRIV
Part no.	Part no.	mm	in.	Part no.	Part no.	Part no.	Part no.	mm	in.	Part no.	Part no.
325567	330255	7	.28	353945	—	—	—	7	.28	—	—
—	—	7	.28	353946	353944	339867	—	7	.28	353958	340727
—	—	7	.28	353947	—	—	—	7	.28	—	—
—	—	7	.28	—	—	—	—	7	.28	346327	340727
—	—	7	.28	353949	—	—	—	7	.28	353961	—
—	—	7.5	.30	—	325567	330255	—	7.5	.30	—	—
—	—	7.5	.30	330731	—	—	—	7.5	.30	327986	327386
—	—	—	—	—	—	—	—	—	—	—	—
—	—	9.5	.37	333555	331002	331003	—	9	.35	332621	328551
—	—	—	—	—	—	—	—	—	—	—	—
—	—	9	.35	330178	331002	331003	—	9	.35	—	—
—	—	9.5	.37	353950	—	—	—	9.5	.37	353962	328551
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	11	.43	—	331002	331003	—	11	.43	—	—
—	—	11.5	.45	—	—	—	—	11.5	.45	328551	330026
—	—	11.5	.45	339264	—	—	—	12	.47	—	—

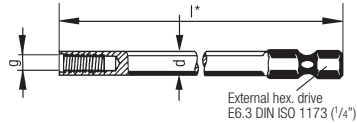
FOR MINIMAT, RECYCLING, SLIP CLUTCH, PULSE TOOLS, ELECTRIC SCREWDRIVERS

Threaded bit tips



point size	d mm	d in.	g mm	l mm	l in.	PHILLIPS Part no.	POZIDRIV Part no.
1	5.56	⁷ / ₃₂	8-32	22	⁷ / ₈	8037441	8037071
1	6.35	¹ / ₄	10-32	34	¹¹ / ₃₂	8037471	8037481
1	5	¹³ / ₆₄	M 4	25	1	8037281	—
1	5.5	⁷ / ₃₂	M 4	25	1	—	8037503
2	5.56	⁷ / ₃₂	8-32	22	⁷ / ₈	8037451	8289491
2	6.35	¹ / ₄	10-32	34	¹¹ / ₃₂	8037461	8037491
2	6	¹⁵ / ₆₄	M 5	34	¹¹ / ₃₂	803855	803856

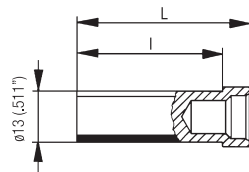
Bit holder (threaded)



d mm	d in.	g mm	l mm	l in.	Part no.
5.6	⁷ / ₃₂	8-32	80	³⁵ / ₃₂	337500
5.6	⁷ / ₃₂	8-32	105	⁴¹ / ₈	337499
5.6	⁷ / ₃₂	8-32	130	⁵¹ / ₈	334316
5.6	⁷ / ₃₂	8-32	156	⁶⁵ / ₃₂	353697
5.6	⁷ / ₃₂	8-32	168	⁶⁵ / ₈	334420
5.6	⁷ / ₃₂	8-32	178	7	353694
6.35	¹ / ₄	10-32	68	²¹¹ / ₁₆	337497
6.35	¹ / ₄	10-32	93	³²¹ / ₃₂	336707
6.35	¹ / ₄	10-32	118	⁴²¹ / ₃₂	334315
6.35	¹ / ₄	10-32	144	⁵⁴³ / ₆₄	341042
6.35	¹ / ₄	10-32	156	⁶⁵ / ₃₂	334421
6.35	¹ / ₄	10-32	166	⁶¹⁷ / ₃₂	355758
5.5	⁷ / ₃₂	M 4	77	³¹ / ₃₂	337520
5.5	⁷ / ₃₂	M 4	102	⁴¹ / ₆₄	337521
5.5	⁷ / ₃₂	M 4	127	5	335637
5.5	⁷ / ₃₂	M 4	153	⁶¹ / ₃₂	354233
5.5	⁷ / ₃₂	M 4	165	⁶¹ / ₂	341765
5.5	⁷ / ₃₂	M 4	175	⁶⁵⁷ / ₆₄	347107
7	⁹ / ₃₂	M 5	68	²¹¹ / ₁₆	348745
7	⁹ / ₃₂	M 5	77	³¹ / ₃₂	344689
7	⁹ / ₃₂	M 5	92	³⁵ / ₈	349569
7	⁹ / ₃₂	M 5	102	⁴¹ / ₆₄	344819
7	⁹ / ₃₂	M 5	117	⁴³⁹ / ₆₄	345466
7	⁹ / ₃₂	M 5	127	5	343309
7	⁹ / ₃₂	M 5	143	⁵⁵ / ₈	357736
7	⁹ / ₃₂	M 5	155	⁶³ / ₃₂	346886
7	⁹ / ₃₂	M 5	165	⁶¹ / ₂	348235
7	⁹ / ₃₂	M 5	170	⁶¹¹ / ₁₆	348417
8	⁵ / ₁₆	M 6	77	³¹ / ₃₂	362258
8	⁵ / ₁₆	M 6	102	⁴¹ / ₆₄	370770
8	⁵ / ₁₆	M 6	127	5	371868
8	⁵ / ₁₆	M 6	155	⁶³ / ₃₂	351713
8	⁵ / ₁₆	M 6	185	⁷⁹ / ₃₂	351533

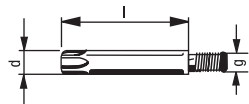
Semi-finished finders (not hardened)

(not for Electric Screwdrivers)



L mm	L in.	l mm	l in.	bit length mm	bit length in.	Part no.
23	²⁹ / ₃₂	15	¹⁹ / ₃₂	50	¹¹⁵ / ₁₆	490199
44	¹²³ / ₃₂	37	¹¹⁵ / ₃₂	70	²³ / ₄	490031V
64	¹¹ / ₂	57	²¹ / ₄	89	³¹ / ₂	490105V
101	³²¹ / ₃₂	94	³¹¹ / ₁₆	102/127	4 / 5	490107V
126	³²¹ / ₃₂	119	⁴¹¹ / ₁₆	152	6	490108V

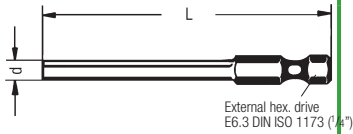
Threaded bit tips



torx size	d mm	d in.	g mm	l mm	l in.	torx Part no.
T 8	5.5	⁷ / ₃₂	M 4	25	1	8202353
T 10	6	¹⁵ / ₆₄	10-32	34	¹¹¹ / ₃₂	8222353
T 10	5.5	⁷ / ₃₂	M 4	25	1	803753
T 10	6	¹⁵ / ₆₄	M 5	34	¹¹¹ / ₃₂	8238943
T 15	6	¹⁵ / ₆₄	10-32	34	¹¹¹ / ₃₂	8129453
T 15	5.5	⁷ / ₃₂	M 4	25	1	803754
T 15	6	¹⁵ / ₆₄	M 5	34	¹¹¹ / ₃₂	8206033
T 20	6	¹⁵ / ₆₄	10-32	34	¹¹¹ / ₃₂	8202973
T 20	5.5	⁷ / ₃₂	M 4	25	1	8037563
T 20	6	¹⁵ / ₆₄	M 5	34	¹¹¹ / ₃₂	8128943
T 20	7	⁹ / ₃₂	M 5	25	1	8210423
T 25	6	¹⁵ / ₆₄	10-32	34	¹¹¹ / ₃₂	8202983
T 25	5.5	⁷ / ₃₂	M 4	25	1	8250083
T 25	6	¹⁵ / ₆₄	M 5	34	¹¹¹ / ₃₂	8221063
T 25	7	⁹ / ₃₂	M 6	25	1	8217603
T 30	6	¹⁵ / ₆₄	10-32	34	¹¹¹ / ₃₂	8202993
T 30	7	⁹ / ₃₂	M 5	25	1	8037063
T 30	7	⁹ / ₃₂	M 6	25	1	8210613
T 40	7	⁹ / ₃₂	M 5	25	1	8219323

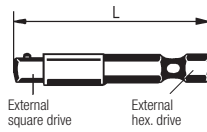
*) special lengths upon request

Special bits (not hardened)



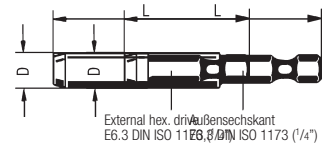
mm	d	in.	mm	L	in.	Part no.
7	.275		70	2 ³ / ₄		490221V
7	.275		102	4		490222V
7	.275		127	5		490223V
7	.275		152	6		490224V
7	.275		200	7 ⁷ / ₈		490225V
7	.275		260	10 ¹ / ₄		490279
7	.275		300	11 ¹³ / ₁₆		490281V
8	.315		300	11 ¹³ / ₁₆		490319V

Adapters



square drive	mm	L	in.	Part no.
1/4"	50	2		804050
1/4"	76	3		8036471
1/4"	100	3 ¹⁵ / ₁₆		804051
1/4"	152	6		8038081
1/4"	203	8		8038091
1/4"	254	10		8038101
1/4"	305	12		8038111
1/4"	355	14		8037981
1/4"	406	16		8207661
3/8"	50	2		8040521
3/8"	76	3		8201451
3/8"	100	3 ¹⁵ / ₁₆		803807
3/8"	152	6		8203921
3/8"	254	10		8038051
1/2"	50	2		804053
1/2"	152	6		8200351

Chuck for stud screws



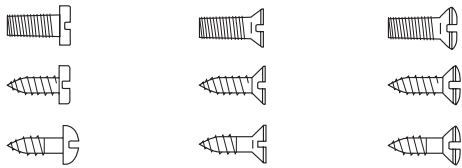
stud screws	mm	D	in.	mm	L	in.	Part no.
M 3	9	1 ¹ / ₃₂		50	2		390287
M 4	9	1 ¹ / ₃₂		50	2		390285
M 5	9	1 ¹ / ₃₂		50	2		390335
M 6	9	1 ¹ / ₃₂		50	2		390288
M 8	16	5/8		55	2 ³ / ₁₆		390295
M 10	16	5/8		55	2 ³ / ₁₆		390339
M 12	16	5/8		55	2 ³ / ₁₆		390338

FOR MINIMAT, RECYCLING, SLIP CLUTCH, PULSE TOOLS, ELECTRIC SCREWDRIVERS

			Bits							
			allen bit				Torx bit			
			External hex drive E6.3 DIN ISO 1173 (1/4")				External hex drive E6.3 DIN ISO 1173 (1/4")			
			allen bit				Torx bit			
AF mm	AF in.	Torx- size	L = 50 (1 ¹⁵ / ₁₆ "") Part no.	L = 70 (2 ³ / ₄ "") Part no.	L = 50 (1 ¹⁵ / ₁₆ "") Part no.	L = 70 (2 ³ / ₄ "") Part no.	L = 89 (3 ¹ / ₂ "") Part no.	L = 152 (6"") Part no.		
1.5	.059	—	—	—	—	—	—	—	—	—
1.5	.059	T 6	—	—	821092	8215162	8210551	823038		
—	—	T 7	—	—	8035351	8035481	8035601	8235201		
2	.078	T 8	3248143	327153	803536	8038663	803561	803575		
—	—	T 9	—	—	8035371	8035491	8035621	8035761		
2	.078	T 10	3248143	327153	8038692	803550	8035631	803868		
2.5	.098	T 10	804114	325565	—	—	—	—		
—	—	T 15	—	—	8035381	812914	8035641	8035771		
2.5	.098	T 20	804114	325565	8035391	812915	8035651	8035781		
3	.118	T 20	—	—	—	—	—	—		
3	.118	T 25	804115	803975	8035401	812916	8035661	8035791		
4	.157	T 25	804116	803976	—	—	—	—		
—	—	T 27	—	—	8035411	812917	8229951	8035801		
4	.157	T 30	804116	803976	8035421	812918	8035681	8035811		
5	.195	T 30	804117	803977	8035431	803556	8035691	8035821		
5	.195	T 40	—	—	—	—	—	—		
6	.234	T 40	804118	803978	—	—	—	—		
8	.312	—	803678	8129283	—	—	—	—		

FOR SENSOMAT, MINIMAT-T SCREWDRIVERS

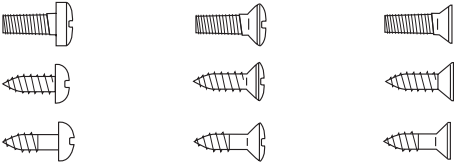
 slotted screws
(only self tapping screws)



	head dia.	
	mm	in.
	3.8	.150
	4	.157
	4.3	.170
	4.5	.177
	4.7	.185
	5	.196
	5.6	.220
	6	.236
	6.5	.255
	6.9	.271
	7	.275
	7	.275
	7.5	.295
	8	.315
	8.2	.323
	8.3	.326
	8.5	.334
	9	.354

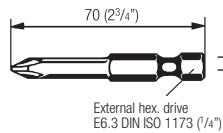
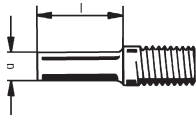
 PHILLIPS screws
(only drilling and self tapping screws)

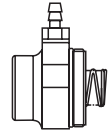
 POZIDRIV screws
(only drilling and self tapping screws)



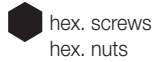
Sensor sleeves, bits

counter nut for above with finders (and spring sleeve),
without and with screw suction*)



point size	head dia.		d		l		sensor sleeves Part no.	bit		Part no.
	mm	in.	mm	in.	mm	in.		PHILLIPS Part no.	POZIDRIV Part no.	
1	3.8	.150	6	.24	17	¹¹ / ₁₆	346070	338894	339140	 counter nut 339983 (f. SENSOMAT) 3399831 (f. MINIMAT-T)
1	4	.157	6	.24	17	¹¹ / ₁₆	346071			
1	4.3	.170	6	.24	17	¹¹ / ₁₆	346072			
1	4.7	.185	6.5	.26	17	¹¹ / ₁₆	—	804046	803988	 finder 339982 (f. SENSOMAT) 368013 (f. MINIMAT-T)
1	5	.196	7	.28	17	¹¹ / ₁₆	346089			
1	5.6	.220	7.5	.30	17	¹¹ / ₁₆	346090			
1	6	.236	8	.31	17	¹¹ / ₁₆	346091	804047	803989	 spring sleeve 401613A (screwdriver size 1) spring sleeve 401613B (screwdriver size 2) (only for screw suction)
2	6.5	.255	8.5	.33	17	¹¹ / ₁₆	346092			
2	6.9	.271	9	.35	17	¹¹ / ₁₆	346093			
2	7	.275	9	.35	17	¹¹ / ₁₆	346094			
2	7.5	.295	9	.35	17	¹¹ / ₁₆	346095			
2	8	.315	10	.39	20	¹³ / ₁₆	346096			
2	8.2	.323	10	.39	20	¹³ / ₁₆	346084			
2	8.3	.326	10	.39	20	¹³ / ₁₆	346097			
2	9	.354	11	.43	12	¹⁵ / ₃₂	346098			
2	9.2	.362	11	.43	12	¹⁵ / ₃₂	346099			
2	9.5	.374	11.5	.45	12	¹⁵ / ₃₂	346100			

*) Screw suction for drilling and self tapping screws not recommendable

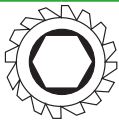


Sockets with hexagon

39-521-19 K

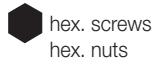
Closed Head

39-331-46 K



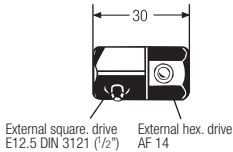
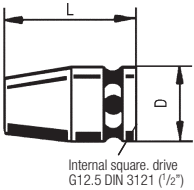
AF mm	AF in.	Part no.	Part no.
5	—	4014678	—
5.5	7/32	4014677	—
7	—	4014675	—
8	5/16	4014674	—
10	—	4014672	—
11	—	—	804154
12	—	—	804155
13	—	—	—
14	—	—	—
15	—	—	—
16	5/8	—	804157
17	—	—	—
18	—	—	804158
19	3/4	—	804159
22	—	—	402717
24	—	—	804161
27	1 1/16	—	804165
1/2"	—	—	—
5/8"	—	—	—

In-between sizes with hexagon and sockets with square on request



Sockets, Holder

Closed Head
39-331-32 K 39-331-46 K
39-331-32 L

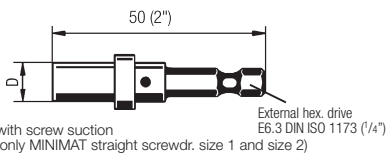
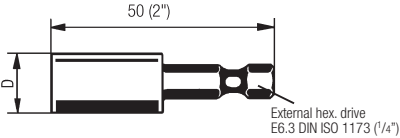


AF mm	AF in.	D mm	D in.	L mm	L in.	Socket Part no.	Socket Part no.	Holder (for socket AF 14) Part no.
10	—	25	1	40	1 9/16	804392	—	—
13	—	25	1	40	1 9/16	804393	804393	—
16	5/8	30	1 3/16	38	1 1/2	820293	820293	—
17	—	30	1 3/16	40	1 9/16	804394	804394	—
18	—	30	1 3/16	38	1 1/2	820294	820294	—
19	3/4	30	1 3/16	40	1 9/16	804395	804395	804245
21	—	30	1 3/16	38	1 1/2	—	820526	—
22	—	32.5	1 9/32	40	1 9/16	—	804396	—
24	—	35	1 3/8	45	1 49/64	—	804397	—
27	1 1/16	38.5	1 39/64	50	1 31/32	—	804398	—

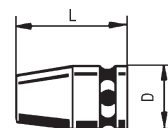
FOR MINIMAT, RECYCLING-, SLIP CLUTCH-, PULSE TOOLS, ELECTRIC SCREWDRIVER



Sockets with shaft 1/4" hex. drive



AF mm	AF in.	D mm	D in.	non-magnetic Part no.	magnetic Part no.	D mm	D in.	Part no.
5	—	10	25/64	804126	804135	8.5	11/32	325363
5.5	7/32	10	25/64	804120	804130	9.5	3/8	325153
6	—	10	25/64	804125	804128	9.5	3/8	325421
7	—	12	15/32	804121	804131	10	25/64	324914
8	5/16	13	1/2	804122	804132	11.5	29/32	325052
9	—	14	9/16	804113	804152	13	1/2	335024
10	—	16	5/8	804123	804133	13	1/2	325053
11	—	15.5	39/64	804127	804129	—	—	—
12	—	16.5	21/32	803791	804111	—	—	—
13	—	19	3/4	804124	804134	—	—	—



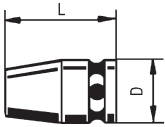
Sockets with female square drive

hex. screws hex. nuts		short execution, non-magnetic and magnetic																			
		Internal square drive G 6.3 DIN 3121 (1/4")						Internal square drive G 10 DIN 3121 (3/8")						Internal square drive G 12.5 DIN 3121 (1/2")							
		AF mm	AF in.	D mm	in.	L mm	in.	non- magnetic Part no.	magnetic Part no.	D mm	in.	L mm	in.	non- magnetic Part no.	magnetic Part no.	D mm	in.	L mm	in.	non- magnetic Part no.	magnetic Part no.
5	—	13	1/2	25	1	804056	804086	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5.5	7/32	13	1/2	23	29/32	804057	804087	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	13	1/2	23	29/32	804058	804088	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	13	1/2	23	29/32	804059	804089	19	3/4	34	1 11/32	804370	820851	—	—	—	—	—	—	—	—
8	5/16	13	1/2	23	29/32	804060	804090	19	3/4	34	1 11/32	804371	820852	25	1	40	1 9/16	804391	820861	820863	820864
9	—	13.5	17/32	23	29/32	804061	804091	19	3/4	34	1 11/32	820853	820854	25	1	40	1 9/16	820862	820863	820864	820864
10	—	15	19/32	23	29/32	804062	—	19	3/4	34	1 11/32	804372	803768	25	1	40	1 9/16	804392	820865	820866	820866
10	—	15.9	5/8	25.4	1	—	8040921	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	16	5/8	23	29/32	804063	804093	19	3/4	34	1 11/32	820855	820856	25	1	40	1 9/16	803766	820865	820866	820866
12	—	17.5	11/16	23	29/32	804064	8040941	19	3/4	34	1 11/32	820295	820857	25	1	40	1 9/16	820175	820867	820868	820868
13	—	19	3/4	23	29/32	804065	804095	22	7/8	34	1 11/32	804373	820858	25	1	40	1 9/16	804393	820244	820244	820244
16	5/8	—	—	—	—	—	—	24.5	31/32	34	1 11/32	820292	820859	25	1	40	1 9/16	820293	820867	820867	820867
17	—	—	—	—	—	—	—	25.5	1	34	1 11/32	804374	812942	30	1 3/16	40	1 9/16	804394	812923	812923	812923
18	—	—	—	—	—	—	—	26.5	1 3/64	34	1 11/32	820311	820860	30	1 3/16	40	1 9/16	820294	820541	820541	820541
19	3/4	—	—	—	—	—	—	28	1 3/32	34	1 11/32	804375	820711	30	1 3/16	40	1 9/16	804395	812925	812925	812925
21	—	—	—	—	—	—	—	—	—	—	—	—	—	32	1 1/4	40	1 9/16	820526	820868	820868	820868
22	—	—	—	—	—	—	—	—	—	—	—	—	—	33	1 5/16	40	1 9/16	804396	820869	820869	820869
24	—	—	—	—	—	—	—	—	—	—	—	—	—	35.5	1 13/32	45	1 25/32	804397	820870	820870	820870
27	1 1/16	—	—	—	—	—	—	—	—	—	—	—	—	40	1 9/16	50	1 31/32	804398	—	—	—

hex. screws hex. nuts		short execution, non-magnetic																										
		Internal square drive G 16 DIN 3121 (5/8")					Internal square drive H 20 DIN 3121 (3/4")					Internal square drive H 25 DIN 3121 (1")					Internal square drive H 40 DIN 3121 (1 1/2")					Internal square drive H 63 DIN 3121 (2 1/2")						
		AF		D		L		Part no.	D		L		Part no.	D		L		Part no.	D		L		Part no.	D		L		Part no.
mm	in.	mm	in.	mm	in.	mm	in.		mm	in.	mm	in.		mm	in.	mm	in.		mm	in.	mm	in.		mm	in.	mm	in.	
13	—	35	1 3/8	48	1 57/64	803885	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	5/8	35	1 3/8	48	1 57/64	820527	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	35	1 3/8	48	1 57/64	803886	44	1 47/64	50	1 31/32	804410	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	35	1 3/8	48	1 57/64	820528	44	1 47/64	50	1 31/32	820530	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	3/4	35	1 3/8	48	1 57/64	803887	44	1 47/64	50	1 31/32	804411	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	35	1 3/8	48	1 57/64	820529	44	1 47/64	50	1 31/32	820531	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	35	1 3/8	48	1 57/64	803888	44	1 47/64	50	1 31/32	804412	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	37	1 29/64	50	1 31/32	803889	44	1 47/64	50	1 31/32	804413	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	1 1/16	40.5	1 19/32	50	1 31/32	803890	44	1 47/64	50	1 31/32	804414	54	2 1/8	60	2 23/64	804430	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	46	1 13/16	54	2 1/8	804415	54	2 1/8	63	2 31/64	804431	—	—	—	—	—	—	—	—	—	—	—	—
32	1 1/4	—	—	—	—	—	49	1 15/16	53	2 3/32	804416	54	2 1/8	62	2 7/16	804432	—	—	—	—	—	—	—	—	—	—	—	—
34	—	—	—	—	—	—	51	2 1/64	55	2 11/64	820532	54	2 1/8	62	2 7/16	820533	—	—	—	—	—	—	—	—	—	—	—	—
36	—	—	—	—	—	—	54	2 1/8	58	2 9/32	804417	57	2 1/4	62	2 7/16	804433	—	—	—	—	—	—	—	—	—	—	—	—
41	—	—	—	—	—	—	60	2 23/64	58	2 9/32	804418	63	2 31/64	66	2 19/32	804434	—	—	—	—	—	—	—	—	—	—	—	—
46	1 13/16	—	—	—	—	—	66	2 39/64	58	2 9/32	804419	69.5	2 47/64	70	2 3/4	804435	86	3 25/64	84	3 5/16	804450	—	—	—	—	—	—	—
50	1 31/32	—	—	—	—	—	—	—	—	—	—	74.5	2 15/16	70	2 3/4	804436	86	3 25/64	84	3 5/16	804451	—	—	—	—	—	—	—
55	—	—	—	—	—	—	—	—	—	—	—	81	3 3/16	85	3 11/32	804437	87	3 27/64	90	3 35/64	804452	—	—	—	—	—	—	—
60	—	—	—	—	—	—	—	—	—	—	—	87.5	3 7/16	85	3 11/32	804438	93	3 21/32	90	3 35/64	804453	—	—	—	—	—	—	—
65	2 9/16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	99	3 57/64	95	3 47/64	804454	—	—	—	—	—	—	—
70	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	4 11/64	100	3 15/16	804455	—	—	—	—	—	—	—
75	2 61/64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	112	4 13/32	105	4 9/64	804456	—	—	—	—	—	—	—
80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118	4 41/64	110	4 21/64	804457	—	—	—	—	—	—	—
85	3 11/32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	125	4 59/64	110	4 21/64	804458	—	—	—	—	—	—	—
90	3 35/64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	131	5 5/32	115	4 17/32	804459	—	—	—	—	—	—	—
95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	137	5 25/64	120	4 23/32	804460	—	—	—	—	—	—	—
100	3 15/16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	143	5 5/8	125	4 59/64	804461	150	5 29/32	140	5 33/64	804480	804480	
105	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	150	5 29/32	130	5 1/8	804462	156	6 9/64	147	5 25/32	804481	804481	
110	4 21/64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	156	6 9/64	135	5 5/16	804463	162	6 3/8	147	5 25/32	804482	804482	
115	4 17/32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	160	6 19/64	128	5 3/64	825633	169	6 21/32	150	5 29/32	804483	804483	
120	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	175	6 57/64	152	5 63/64	804484	804484	
130	5 1/8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	188	7 13/32	160	6 19/64	804485	804485	
145	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	207	8 5/32	170	6 11/16	804486	804486	
155	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	218	8 37/64	177	6 31/32	804487	804487	

Please order locking pin and rubber ring extra

FOR MINIMAT, RECYCLING, SLIP CLUTCH, PULSE TOOLS, ELECTRIC SCREWDRIVER, IMPACT WRENCHES, EC-SERVO SCREWDRIVER

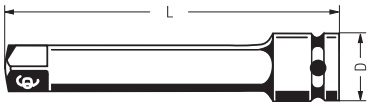


Sockets with internal square drive DIN 3121

 hex. screws hex. nuts		long execution, non-magnetic															
		Internal square drive G 6.3 DIN 3121 (1/4")					Internal square drive G 10 DIN 3121 (3/8")					Internal square drive G 12.5 DIN 3121 (1/2")					
AF		D		L		Part no.	D		L		Part. no.	D		L		Part no.	
mm	in.	mm	in.	mm	in.		mm	in.	mm	in.		mm	in.	mm	in.		
7	—	13	1/2	45	1 3/4	8037671	—	—	—	—	—	—	—	—	—	—	
8	5/16	13	1/2	45	1 3/4	8037591	19	3/4	51	2	820872	25	1	85	3 11/32	804400	
9	—	14.5	9/16	45	1 3/4	8204461	19	3/4	51	2	820873	—	—	—	—	—	
10	—	16	5/8	45	1 3/4	8037601	19	3/4	51	2	820874	25	1	85	3 11/32	804401	
11	—	16	5/8	45	1 3/4	8207851	19	3/4	51	2	820875	—	—	—	—	—	
12	—	17.5	1 1/16	45	1 3/4	8201011	19	3/4	51	2	820876	—	—	—	—	—	
13	—	19	3/4	45	1 3/4	8129311	22	7/8	51	2	820877	25	1	85	3 11/32	804402	
16	5/8	—	—	—	—	—	24.5	31/32	51	2	820878	30	1 3/16	80	3 5/32	820534	
17	—	—	—	—	—	—	25.5	1	51	2	820879	30	1 3/16	85	3 11/32	804403	
18	—	—	—	—	—	—	26.5	1 9/64	51	2	820880	30	1 3/16	80	3 5/32	820535	
19	3/4	—	—	—	—	—	28	1 3/32	51	2	820881	30	1 3/16	80	3 5/32	804404	
21	—	—	—	—	—	—	—	—	—	—	—	30	1 3/16	80	3 5/32	820536	
22	—	—	—	—	—	—	—	—	—	—	—	32.5	1 9/32	85	3 11/32	804405	
24	—	—	—	—	—	—	—	—	—	—	—	35	1 3/8	85	3 11/32	804406	
27	1 1/16	—	—	—	—	—	—	—	—	—	—	38.5	1 33/64	85	3 11/32	804407	

 hex. screws hex. nuts		long execution, non-magnetic																			
		Internal square drive G 16 DIN 3121 (5/8")				Internal square drive H 20 DIN 3121 (1")				Internal square drive H 25 DIN 3121 (1 1/2")				Internal square drive H 40 DIN 3121 (1 1/2")							
AF		D		L		Part no.	D		L		Part no.	D		L		Part no.	D		L		Part no.
mm	in.	mm	in.	mm	in.		mm	in.	mm	in.		mm	in.	mm	in.		mm	in.	mm	in.	
17	—	35	1 3/8	90	3 35/64	803891	44	1 47/64	100	3 15/16	804420	—	—	—	—	—	—	—	—	—	
18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
19	3/4	35	1 3/8	90	3 35/64	803892	44	1 47/64	100	3 15/16	804421	—	—	—	—	—	—	—	—	—	
21	—	—	—	—	—	—	44	1 47/64	100	3 15/16	820537	—	—	—	—	—	—	—	—	—	
22	—	35	1 3/8	90	3 35/64	803893	44	1 47/64	100	3 15/16	804422	—	—	—	—	—	—	—	—	—	
24	—	37	1 29/64	90	3 35/64	803894	44	1 47/64	100	3 15/16	804423	54	2 1/8	110	4 21/64	820067	—	—	—	—	
27	1 1/16	40.5	1 19/32	90	3 35/64	803895	44	1 47/64	100	3 15/16	804424	54	2 1/8	110	4 21/64	804440	—	—	—	—	
30	—	—	—	—	—	—	46	1 13/16	100	3 15/16	804425	54	2 1/8	110	4 21/64	804441	—	—	—	—	
32	1 1/4	—	—	—	—	—	49	1 15/16	100	3 15/16	804426	54	2 1/8	110	4 21/64	804442	—	—	—	—	
34	—	—	—	—	—	—	51	2 1/64	100	3 15/16	820538	54	2 1/8	108	4 1/4	820539	—	—	—	—	
36	—	—	—	—	—	—	54	2 1/8	100	3 15/16	804427	57	2 1/4	108	4 1/4	804443	—	—	—	—	
41	—	—	—	—	—	—	60	2 23/64	100	3 15/16	804428	63	2 31/64	108	4 1/4	804444	—	—	—	—	
46	1 13/16	—	—	—	—	—	67	2 41/64	100	3 15/16	804429	69.5	2 47/64	110	4 21/64	804445	86	3 25/64	130	5 1/8	804465
50	1 31/32	—	—	—	—	—	—	—	—	—	—	74.5	2 15/16	115	4 17/32	804446	86	3 25/64	140	5 33/64	804466
55	—	—	—	—	—	—	—	—	—	—	—	81	3 3/16	115	4 17/32	804447	87	3 27/64	140	5 33/64	804467
60	—	—	—	—	—	—	—	—	—	—	—	87.5	3 7/16	115	4 17/32	804448	93	3 21/32	140	5 33/64	804468
65	2 9/16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	99	3 57/64	150	5 29/32	804469
70	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	4 11/64	150	5 29/32	804470
75	2 61/64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	112	4 13/32	160	6 19/64	804471
80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118	4 41/64	170	6 11/16	804472
85	3 11/32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	125	4 59/64	170	6 11/16	804473
90	3 35/64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	131	5 5/32	180	7 3/32	804474
95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	137	5 25/64	180	7 3/32	804475
100	3 15/16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	143	5 5/8	190	7 31/64	804476
105	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	150	5 29/32	200	7 7/8	804477
110	4 21/64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	156	6 9/64	200	7 7/8	804478

Please order locking pin and rubber ring extra



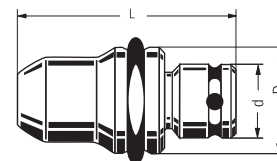
Extensions with internal square drive DIN 3121

Internal-□ External-□	G 10 DIN 3121 (3/8") E 10 DIN 3121 (3/8")					G 12.5 DIN 3121 (1/2") E 12.5 DIN 3121 (1/2")					H 20 DIN 3121 (3/4") F 20 DIN 3121 (3/4")					H 25 DIN 3121 (1") F 25 DIN 3121 (1")					H 40 DIN 3121 (1 1/2") F 40 DIN 3121 (1 1/2")				
	D		L		Part no.	D		L		Part no.	D		L		Part no.	D		L		Part no.	D		L		Part no.
	mm	in.	mm	in.		mm	in.	mm	in.		mm	in.	mm	in.		mm	in.	mm	in.		mm	in.	mm	in.	
	19	3/4	75	2 ⁶¹ / ₆₄	804490	25	⁶³ / ₆₄	75	2 ⁶¹ / ₆₄	804493	44	1 ⁴⁷ / ₆₄	175	6 ⁵⁷ / ₆₄	804497	54	2 1/8	175	6 ⁵⁷ / ₆₄	804501	86	3 ²⁵ / ₆₄	250	9 ²⁷ / ₃₂	804505
	19	3/4	150	5 ²⁹ / ₃₂	804491	25	⁶³ / ₆₄	125	4 ⁵⁹ / ₆₄	804494	44	1 ⁴⁷ / ₆₄	250	9 ²⁷ / ₃₂	804498	54	2 1/8	250	9 ²⁷ / ₃₂	804502	86	3 ²⁵ / ₆₄	380	14 ³¹ / ₃₂	804506
	19	3/4	300	11 ¹³ / ₁₆	804492	25	⁶³ / ₆₄	250	9 ²⁷ / ₃₂	804495	44	1 ⁴⁷ / ₆₄	330	13	804499	54	2 1/8	330	13	804503	—	—	—	—	—

Please order locking pin and rubber ring extra

internal hex. screws		Bits			Holder						
threaded pins with internal hex.		external hex. drive									
AF mm	AF in.	$\frac{7}{16}$ " L = 35 mm = $1\frac{3}{8}$ in. Part no.	$\frac{5}{8}$ " L = 40 mm = $1\frac{37}{64}$ in. Part no.	$\frac{7}{8}$ " L = 50 mm = $1\frac{31}{32}$ in. Part no.	internal square drive DIN 3121	internal hex. drive	D mm	D in.	L mm	L in.	Part no.
3	$\frac{1}{8}$	804525	—	—							
4	—	804526									
5	—	804527									
6	—	804528									
6	—	820046									
7	—	804529	804533	—							
8	$\frac{5}{16}$	804530									
10	—	804531									
10	—	804532									
12	—	804533									
12	—	804534	804535	804536							
12	—	804535									
14	—	820215									
14	—										
17	—										
17	—		804537								
19	$\frac{3}{4}$										
19	$\frac{3}{4}$										
22	—										
22	—										
24	—	—	—	—							
27	$1\frac{1}{16}$										
32	—										
32	—										
36	—										

Please order locking pin and rubber ring extra



Chuck for stud screws with internal square drive DIN 3121


stud screws

Thread size



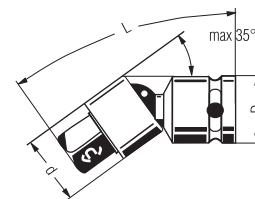
Internal square drive
G 10 DIN 3121 (3/8")

Internal square drive
G 12.5 DIN 3121 (1/2")

Internal square drive
H 20 DIN 3121 (3/4")

	Internal square drive G 10 DIN 3121 (3/8")						Internal square drive G 12.5 DIN 3121 (1/2")						Internal square drive H 20 DIN 3121 (3/4")								
	D		d		L		Part no.	D		d		L		Part no.	D		d		L		Part no.
	mm	in.	mm	in.	mm	in.		mm	in.	mm	in.	mm	in.		mm	in.	mm	in.	mm	in.	
M 5	35	1 3/8	22	55/64	65	2 9/16	790025B	—	—	—	—	—	—	—	—	—	—	—	—	—	—
M 6	35	1 3/8	22	55/64	65	2 9/16	790025C	—	—	—	—	—	—	—	—	—	—	—	—	—	—
M 8	35	1 3/8	22	55/64	65	2 9/16	790025D	47	1 27/32	28	1 1/64	79	3 1/64	390203A	—	—	—	—	—	—	—
M 10	35	1 3/8	22	55/64	65	2 9/16	790025E	47	1 27/32	28	1 1/64	84	3 5/16	390203B	—	—	—	—	—	—	—
M 12	—	—	—	—	—	—	—	47	1 27/32	28	1 1/64	84	3 5/16	390203C	—	—	—	—	—	—	—
M 14	—	—	—	—	—	—	—	47	1 27/32	28	1 1/64	84	3 5/16	390203D	60	2 23/64	41	1 39/64	95	3 47/64	3901351A
M 16	—	—	—	—	—	—	—	47	1 27/32	28	1 1/64	84	3 5/16	390203E	60	2 23/64	41	1 39/64	95	3 47/64	3901351B
M 18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	60	2 23/64	41	1 39/64	95	3 47/64	3901351C
M 20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	60	2 23/64	41	1 39/64	95	3 47/64	3901351D
M 22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	60	2 23/64	41	1 39/64	95	3 47/64	3901351E
M 24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	60	2 23/64	41	1 39/64	95	3 47/64	3901351F
M 27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
M 30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
M 33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Please order locking pin and rubber ring extra



Ball joint with internal square drive DIN 3121

Internal-□ External-□	G 6.3 DIN 3121 (1/4") E 6.3 DIN 3121 (1/4")			G 10 DIN 3121 (3/8") E10 DIN 3121 (3/8")			G 12.5 DIN 3121 (1/2") E 12.5 DIN 3121 (1/2")			H 20 DIN 3121 (3/4") F 20 DIN 3121 (3/4")			H 25 DIN 3121 (1") F 25 DIN 3121 (1")			H 40 DIN 3121 (1 1/2") F 40 DIN 3121 (1 1/2")		
	D mm in.	d mm in.	L = 43 mm Part no.	D mm in.	d mm in.	L = 58 mm Part no.	D mm in.	d mm in.	L = 78 mm Part no.	D mm in.	d mm in.	L = 95 mm Part no.	D mm in.	d mm in.	L = 128 mm Part no.	D mm in.	d mm in.	L = 178 mm Part no.
	16 5/8	16 5/8	804518	22 55/64	22 55/64	804510	28 1 1/64	28 1 1/64	804511	38 1 1/2	38 1 1/2	804512	53 2 3/32	53 2 3/32	804513	86 3 25/64	86 3 25/64	804514

Please order locking pin and rubber ring extra

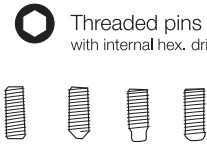
FOR IMPACT WRENCHES, PULSE TOOLS, EC-SERVO SCREWDRIVER

Locking pins and rubber rings
for sockets, holder, extensions, ball joints and chucks for stud screws

Internal square drive DIN 3121	Sockets		Extension Ball joint Holder		Chuck for stud screws		Locking pin				Rubber ring					
	AF mm	AF in.	mm	D in.	mm	d in.	mm	d in.	mm	l in.	Part no.	mm	D in.	mm	d in.	Part no.
G 10 (3/8")	7-19	3.0	19/22	3/4 / 55/64	22	55/64	2.5	3/32	16	5/8	800078	14	35/64	3	1/8	802513
G 12.5 (1/2")	8-13	3.2	25	63/64	—	—	3	1/8	20	25/32	802348	18	45/64	3	1/8	803370
G 12.5 (1/2")	16-27	3.8	28/30	17/64 / 13/16	28	17/64	3	1/8	24	15/16	800012	20	25/32	4	5/32	802499
G 16 (5/8")	8-27	4.0	35	13/8	—	—	3	1/8	28	17/64	802346	24	15/16	4	5/32	802524
H 20 (3/4")	17-46	4.2	38/44	11/2 / 147/64	41	139/64	4	5/32	32	17/64	800056	34	111/32	5.5	7/32	802546
H 25 (1")	27-60	4.3	54	21/8	54	21/8	5	13/64	45	149/64	804546	42	121/32	7.5	19/64	802547
H 40 (1 1/2")	46-90	4.7	86	325/64	—	—	5	13/64	75	261/64	804547	72	253/64	6.5	17/64	—
H 40 (1 1/2")	95-110	5.0	—	—	—	—	6	1/4	110	421/64	—	114	431/64	10.5	27/64	—
H 63 (2 1/2")	100-155	5.5	—	—	—	—	8	5/16	115	417/32	804548	114	431/64	10.5	27/64	—

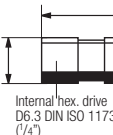
FOR IMPACT WRENCHES WITH QUICK CHANGE CHUCK (INTERNAL HEX. DRIVE DIN ISO 1173 F11.2)

Bits

 Internal hex. screws  Threaded pins with internal hex. drive	AF mm	AF in.	Part no.
	5	—	
	6	—	804515
	8	$\frac{5}{16}$	804516
	10	—	804538
	10	—	804539
	12	—	804540
	12	—	804517
	14	—	804517

Holder

External square drive	L mm / in.	Part no.	for sockets
E 10 DIN 3121 ($\frac{3}{8}$ "	50 / $\frac{131}{32}$	8043651	
E 12.5 DIN 3121 ($\frac{1}{2}$ "	54 / $\frac{21}{8}$	8043661	
F 20 DIN 3121 ($\frac{3}{4}$ "	76 / 3	8043631	

for bit with external hex. drive C 6.3 DIN ISO 1173 ($\frac{1}{4}$ "			 Internal hex. drive D6.3 DIN ISO 1173 ($\frac{1}{4}$"  External hex. drive E11.2 DIN ISO 1173 ($\frac{7}{16}$"
L mm / in.	D mm / in.	non-magnetic Part no.	
65 / $\frac{29}{16}$	11.1 / $\frac{7}{16}$	825021	

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