



ASSEMBLY TOOLS AND SYSTEMS



Auto shut-off impulse tools DPTS Series



Range



DOGA DPTS impulse screwdrivers are outstanding quality and high accuracy tools. Compact, light-weight, fast, ergonomic and with no torque reaction, they will bring you great satisfaction and offer safety to the operators. Thanks to our wide range, you can find an answer to all your process requirements.

Auto shut-off impulse tools

DPTS Series



- Page 4 • DPTS Pistol Series
- Page 5 • DPTS Straight Series
- Page 6 • DPTS Angle Head Series
- Page 7 • Accessories



DPTS Pistol Series

from 5,5 to 450 Nm

1/4" Quick release bit holder

Model	Capacity	Torque (Nm) 5-6 bars	Speed (rpm)		Weight (Kg)	Length (mm)	Noise (dB(A))	Vibration (m/s ²)	Average air consumption (l/s)	Code
			5 bars	6 bars						
DPTS-30HD	M5	5,5 - 13	4100	4600	0,89	163	78	0,7	4,2	4-1080021
DPTS-40HD	M5 - M6	9 - 18	4100	4600	0,92	170	78	0,7	4,2	4-1080022
DPTS-50HD	M6 - M8	13 - 26	6800	7200	0,92	170	80	0,7	5,8	4-1080023
DPTS-60HD	M8	18 - 30	5900	6200	1,00	181	82	0,7	6,7	4-1080024

Air hole size : DPTS 30/40/50HD = 6,5 mm
DPTS 60HD = 8 mm

Recommended air pressure : 5 - 6 bars
Air inlet : BSP G1/4



3/8"

Model	Capacity	Torque (Nm) 5 - 6 bars	Speed (rpm)		Weight (Kg)	Length (mm)	Noise (dB(A))	Vibration (m/s ²)	Average air consumption (l/s)	Code
			5 bars	6 bars						
DPTS-30	M5	6 - 13	4300	4600	0,89	167	78	0,9	4,2	4-1084190
DPTS-40	M5 - M6	10 - 19	4100	4400	0,92	167	78	0,9	4,2	4-1080008
DPTS-50	M6 - M8	14 - 28	6800	7200	0,92	167	80	0,9	5,8	4-1080009
DPTS-60	M8	20 - 35	5900	6200	1	178	80	0,9	6,7	4-1080010
DPTS-65	M10	27 - 45	4500	4800	1,08	189	82	0,9	4,3	4-1058450
DPTS-70X	M8 - M10	34 - 57	5200	5400	1,08	189	82	0,9	7,5	4-1090005
DPTS-70	M8 - M10	34 - 57	6900	7200	1,35	194	82	0,9	7,5	4-1080011
DPTS-80	M10 - M12	40 - 70	4800	5100	1,21	194	82	0,9	5,0	4-1058451

Air hole size : DPTS 40/50 = 6,5 mm
DPTS 60/70 = 8 mm

Recommended air pressure : 5 - 6 bars
Air inlet : BSP G1/4



1/2"

Model	Capacity	Torque (Nm) 5 - 6 bars	Speed (rpm)		Weight (Kg)	Length (mm)	Noise (dB(A))	Vibration (m/s ²)	Average air consumption (l/s)	Code
			5 bars	6 bars						
DPTS-90	M10 - M12	57 - 90	5000	5400	1,55	200	83	1,3	8,8	4-1080012
DPTS-100	M10 - M12	75 - 120	5000	5300	1,87	209	84	0,7	9,2	4-1080013
DPTS-130	M12 - M14	113 - 148	3300	3600	2,26	216	86	0,8	12,2	4-1080014

Air hole size : DPTS 90/100 = 8 mm
DPTS 130 = 11 mm

Recommended air pressure : 5 - 6 bars
Air inlet : BSP G1/4

3/4"

Model	Capacity	Torque (Nm) 5 - 6 bars	Speed (rpm)		Weight (Kg)	Length (mm)	Noise (dB(A))	Vibration (m/s ²)	Average air consumption (l/s)	Code
			5 bars	6 bars						
DPTS-150	M16	145 - 210	3500	3700	3,1	238	86	0,8	12,2	4-1088200
DPTS-180	M16 - M18	180 - 255	2500	2700	3,9	264	86	0,8	7,3	4-1058452
DPTS-200	M8 - M20	230 - 450	-	3100	4,25	251	88	0,9	23	4-1090146

Air hole size : DPTS 150/180 = 11 mm

DPTS 200 = 12,7 mm

Recommended air pressure : 5 - 6 bars
Air inlet : BSP G1/4

Recommended air pressure : 6 bars
Air inlet : BSP G3/8



DPTS Straight Series

from 5 to 47 Nm



1/4" Quick release bit holder

Model	Capacity	Torque (Nm) 5 - 6 bars	Speed (rpm)		Weight (Kg)	Length (mm)	Noise (dB(A))	Vibration (m/s ²)	Average air consumption (l/s)	Code
			5 bars	6 bars						
DPTS-30SHD	M5	5 - 12	3900	4200	0,77	219	78	0,7	4,2	4-1080040
DPTS-40SHD	M5 - M6	9 - 17	3900	4200	0,80	224	78	0,7	4,2	4-1080041
DPTS-50SHD	M6 - M8	13 - 26	6500	6800	0,80	224	80	0,7	5,8	4-1080042
DPTS-60SHD	M8	18 - 30	5700	6000	0,86	235	80	0,7	6,7	4-1080043

Air hole size : DPTS 30/40/50SHD = 6,5 mm
DPTS 60SHD = 8 mm

Recommended air pressure : 5 - 6 bars
Air inlet : BSP G1/4



3/8"

Model	Capacity	Torque (Nm) 5 - 6 bars	Speed (rpm)		Weight (Kg)	Length (mm)	Noise (dB(A))	Vibration (m/s ²)	Average air consumption (l/s)	Code
			5 bars	6 bars						
DPTS-30S	M5	6 - 13	3900	4200	0,80	221	78	1	4,2	4-1084120
DPTS-40S	M5 - M6	10 - 19	3900	4200	0,80	221	78	1	4,2	4-1080031
DPTS-50S	M6 - M8	14 - 28	6500	6800	0,80	221	78	1	5,8	4-1080032
DPTS-60S	M8	20 - 35	5700	6000	0,86	231	80	1	5,8	4-1080033
DPTS-70S	M8 - M10	28 - 47	4700	5000	0,97	244	80	0,9	6,7	4-1080034

Air hole size : DPTS 40/50S = 6,5 mm
DPTS 60/70S = 8 mm

Recommended air pressure : 5 - 6 bars
Air inlet : BSP G1/4



Impulse screwdrivers must be powered by lubricated air.



Torque values shown on the tables were measured in laboratory.

For hard joint applications, shut-off impulse tools generally reach 85% of the maximum torque listed.

For soft joint applications, shut-off impulse tools generally reach 70% of the maximum torque listed.



DPTS Angle Head Series

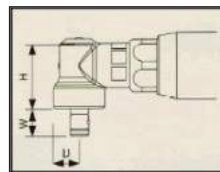
from 8,5 to 60 Nm

1/4" Hex F

Model	Capacity	Torque (Nm) 5 - 6 bars	Speed (rpm)		Weight (Kg)	Length (mm)	Noise (dB(A))	Vibration (m/s ²)	Average air consumption (l/s)	Code
			5 bars	6 bars						
DPTS-50RAHD	M6	8,5 - 16	5100	5400	1,20	253	80	NC	5,3	4-1080055
DPTS-60RAHD	M6 - M8	12,5 - 22	4400	4700	1,30	264	80	NC	5,3	4-1080056
DPTS-70RAHD	M8	18 - 29	4200	4500	1,40	272	80	NC	6,7	4-1080057

Air hole size : DPTS 50RAHD = 6,5 mm
DPTS 60/70RAHD = 8 mm

Recommended air pressure : 5 - 6 bars
Air inlet : BSP G1/4



Model	H (mm)	W (mm)	D (mm)
DPTS-50RAHD / 60RAHD / 70RAHD	45	16	26

3/8"

Model	Capacity	Torque (Nm) 5 - 6 bars	Speed (rpm)		Weight (Kg)	Length (mm)	Noise (dB(A))	Vibration (m/s ²)	Average air consumption (l/s)	Code
			5 bars	6 bars						
DPTS-50RA	M6	9,5 - 17	5100	5400	1,20	253	80	NC	5,3	4-1080048
DPTS-60RA	M6 - M8	14 - 24	4400	4700	1,30	264	80	NC	5,3	4-1080049
DPTS-70RA	M8	20 - 31	4200	4500	1,40	272	80	NC	6,7	4-1080050
DPTS-70RALS	M8 - M10	30 - 50	3200	3400	1,60	281	82	NC	6,7	4-1080051

Air hole size : DPTS 50RA = 6,5 mm
DPTS 60/70RA (LS) = 8 mm

Recommended air pressure : 5 - 6 bars
Air inlet : BSP G1/4

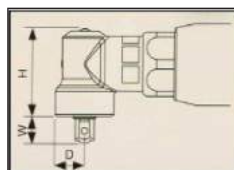


1/2"

Model	Capacity	Torque (Nm) 5 - 6 bars	Speed (rpm)		Weight (Kg)	Length (mm)	Noise (dB(A))	Vibration (m/s ²)	Average air consumption (l/s)	Code
			5 bars	6 bars						
DPTS-70RA ^{1/2}	M10-M12	40 - 60	2000	2200	1,6	281	82	NC	7,5	4-1002356
DPTS-80RA ^{1/2}	M10-M12	50 - 70	2600	2800	1,70	281	82	NC	7,5	4-1080052

Air hole size : DPTS 80RA^{1/2} = 8 mm

Recommended air pressure : 5 - 6 bars
Air inlet : BSP G1/4

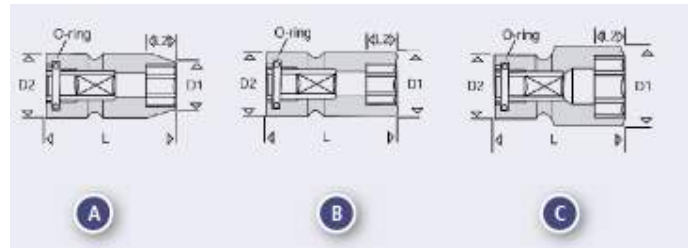
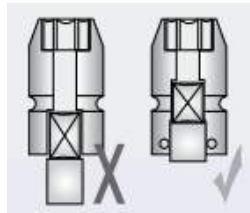


Model	H (mm)	W (mm)	D (mm)
DPTS-50RA/60RA/70RA	45	16	26
DPTS-70RALS/80RA ^{1/2}	47	21	21

Accessories

Stop pin set

- square drive 3/8" : code 4-1055211
- square drive 1/2" : code 4-1055210
- square drive 3/4" : code 4-1055212



3/8" Sleeve drive sockets

Type	A/F mm	Drawing	D1 mm	D2 mm	L mm	L2 mm	Code
D060910006	6	A	11	19	43	5	4-1035137
D060910007	7	A	12	19	43	5	4-1035138
D060910008	8	A	13	19	43	7	4-1035139
D060910009	9	A	15	19	43	7	4-1035143
D060910010	10	A	16	19	43	8	4-1035110
D060910011	11	A	17,5	19	43	9	4-1035111
D060910012	12	B	19	22	43	9	4-1035112
D060910013	13	A	20	22	43	9	4-1035113
D060910014	14	A	21	22	43	9	4-1035114
D060910015	15	B	22	22	43	11	4-1035115
D060910016	16	C	24	22	43	11	4-1035116
D060910017	17	C	25	22	43	11	4-1035117
D060910018	18	C	26	22	43	11	4-1035118
D060910019	19	C	27,5	22	43	11	4-1035119
D060910021	21	C	30	22	43	13	4-1035120

1/2" Sleeve drive sockets

Type	A/F mm	Drawing	D1 mm	D2 mm	L mm	L2 mm	Code
D060920012	12	A	20	25	52	12	4-1035098
D060920013	13	A	21	25	52	12	4-1035099
D060920014	14	A	22,5	25	52	12	4-1035100
D060920015	15	A	23,7	30	52	12	4-1035101
D060920016	16	A	25	30	52	12	4-1035102
D060920017	17	A	26	30	52	12	4-1035103
D060920018	18	A	27,5	30	52	12	4-1035104
D060920019	19	A	28,7	30	52	12	4-1035105
D060920021	21	B	30	30	52	12	4-1035106
D060920022	22	C	32	30	52	12	4-1035107
D060920023	23	C	32	30	52	12	4-1035108
D060920024	24	C	35	30	52	12	4-1035109
D060920027	27	C	39	30	57	12	4-1035135
D060920030	30	C	42	30	62	12	4-1035136
D060920032	32	C	44	30	62	12	4-1035170

Quick release adapters

Type	SQ input	Hex. output	D2 mm	L mm	Code
D069111E08	3/8"	1/4"	22	52	4-1042888
D069112E08	1/2"	1/4"	25	60	4-1010001



Quick release adapters

Type	SQ input	SQ output	D2 mm	L mm	Code
D069151116	3/8"	1/2"	20	80	4-1080000
D069152112	1/2"	3/8"	25	75	4-1080001
D069151112	3/8"	3/8"	19	75	4-1080002
D069152216	1/2"	1/2"	25	100	4-1080003



Accessories

Type	Code
Rubber protect I40-109 DPTS-30-40-50	4-1090162
Rubber protect I60-109 DPTS-60	4-1090163
Rubber protect I70X-109 DPTS-65/70X	4-1090172
Rubber protect I70-109 DPTS-70	4-1090164
Rubber protect I80-109 DPTS-80	4-1090165
Rubber protect I90-109 DPTS-90	4-1090166
Rubber protect I100-109 DPTS-100	4-1090167
Rubber protect I130-109 DPTS-130	4-1090168
Rubber protect I150-109 DPTS-150	4-1090169
Rubber protect I180-109 DPTS-180	4-1090170
Rubber protect I200-109 DPTS-200	4-1090171

Type	Code
Suspension ring I50R-207 DPTS-50R, 60R(HD)	4-1090142
Suspension ring I70R-207 DPTS-70R(D), 70RG, 70RH	4-1090143
Suspension ring I80R-207 DPTS-80RH	4-1090144

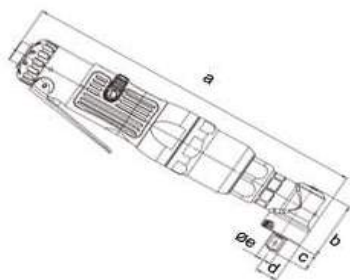


Type	Code
Holster	4-1200460

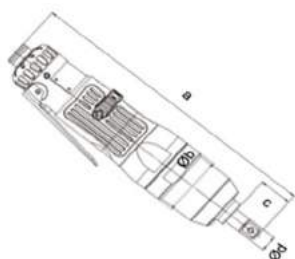




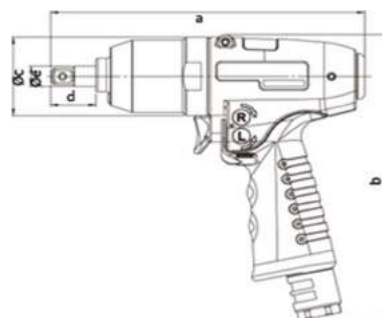
Dimensions



Model	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)
DPTS-50RAHD	253	45	16	16	Ø11
DPTS-60RAHD	264	45	16	16	Ø11
DPTS-70RAHD	272	45	16	16	Ø11
DPTS-50RA	253	45	14	16	Ø12
DPTS-60RA	264	45	14	16	Ø12
DPTS-70RA	272	45	14	16	Ø12
DPTS-70RALS	281	47	14	21	Ø16
DPTS-80RA1/2	281	47	21	21	Ø16



Model	a (mm)	b (mm)	c (mm)	d (mm)
DPTS-30SHD	219	Ø46	21	Ø17,5
DPTS-40SHD	224	Ø46	27	Ø17,5
DPTS-50SHD	224	Ø46	27	Ø17,5
DPTS-60SHD	235	Ø46	27	Ø17,5
DPTS-30S	221	Ø46	24	Ø12
DPTS-40S	221	Ø46	24	Ø12
DPTS-50S	221	Ø46	24	Ø12
DPTS-60S	231	Ø46	24	Ø12
DPTS-70S	244	Ø48	25	Ø12



Model	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)
DPTS-30HD	163	168	Ø46	21	Ø17,5
DPTS-40HD	170	168	Ø46	27	Ø17,5
DPTS-50HD	170	168	Ø46	27	Ø17,5
DPTS-60HD	181	168	Ø46	27	Ø17,5
DPTS-30	167	168	Ø46	24	Ø12
DPTS-40	167	168	Ø46	24	Ø12
DPTS-50	167	168	Ø46	24	Ø12
DPTS-60	178	168	Ø46	24	Ø12
DPTS-65	189	168	Ø46	24	Ø12
DPTS-70X	189	168	Ø46	24	Ø12
DPTS-70	194	192	Ø53,5	25	Ø12
DPTS-80	194	192	Ø53,5	25	Ø16
DPTS-90	200	192	Ø53,5	31	Ø16
DPTS-100	209	195	Ø59	32	Ø16
DPTS-130	216	204	Ø64	31	Ø16
DPTS-150	239	215	Ø72	40	Ø25
DPTS-180	264	232	Ø78	41	Ø25



8, avenue Gutenberg - CS 50510
 78317 Maurepas Cedex - France
 Tél. : +33 1 30 66 41 20 • Fax : +33 1 30 66 41 79
export@doga.fr

Nous travaillons constamment à l'amélioration de nos produits. De ce fait, les dimensions et indications portées dans cette brochure peuvent parfois ne pas correspondre aux dernières exécutions. De convention expresse, nos ventes sont faites sous bénéfice de réserve de propriété (les dispositions de la loi du 12/5/80 trouvent donc toute leur application).