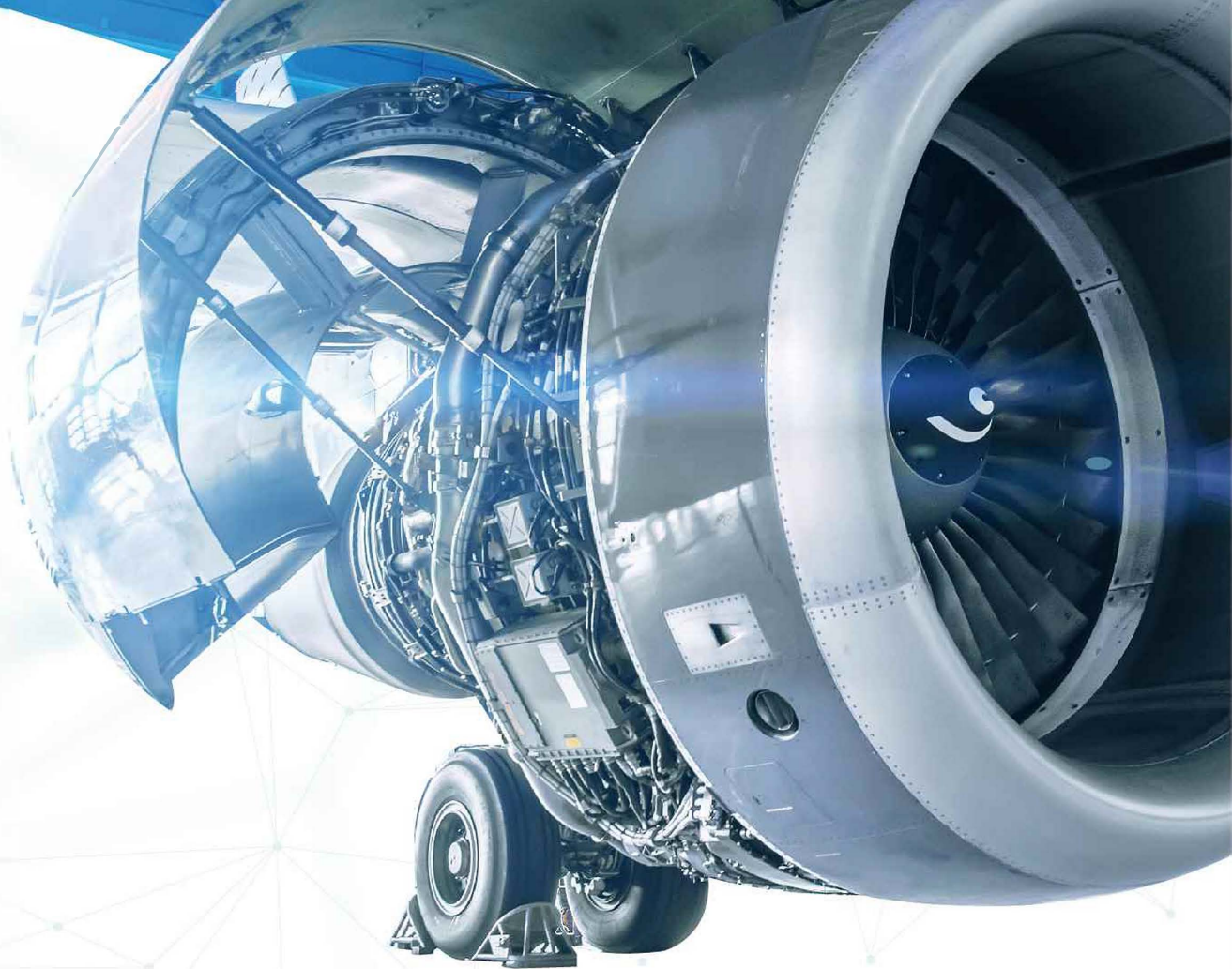




Du-Pas®

Tools For Aviation Industry

Acewell Industrial Supplies

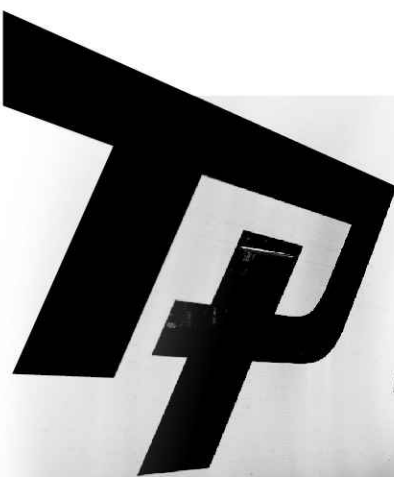
www.acewell-ind.com





About Tranmax

Since established in 1985, Tranmax Machinery Co., Ltd has devoted itself to manufacturing and exporting high quality pneumatic tools and cordless tools for automotive repair applications and assembly solutions. Over 35 years of rich experience in developing impact wrenches, ratchet wrenches, screwdrivers, drills, grinders and various of torque control tools and attachments, such as geared offset heads, has successfully earned popularity and a sound reputation in world-wide markets, especially in Germany, the Netherlands, France, England and the United States. New innovations and improvements are persistently made to meet market trends and demands. Reliable products and customer satisfaction are what we always pursue. We welcome you to develop a mutually profitable relationship with us on a long-term basis.



筌誠機械股份
TRANMAX





Our Advantages



INNOVATION

We keep exploring with new technologies and staying ahead of the competition.



HIGH QUALITY

Our products has successfully satisfied the demand of market.



OPTIMIZATION

Our professional skills and knowledge make the products more desirable.



RELIABILITY

We believe that integrity is always the base to lead long-term business success.

History

Learn more about our history below.

1985

Tranmax formed

Founded in 1985 in Taiping, Taichung with only 30 employees and a size of 500m² factory.

1986
1989

Air Impact Wrenches

Started by producing Air Impact Wrenches in 3/8", 1/2" and 3/4" square size.

1990

Developed successfully 1" light weight pistol and straight type impact wrenches, the impact wrenches with handle exhaust and professional sanders.

1995

Developed Successfully Ratchet Wrenches, Drills, Screwdrivers, etc.

Fully built up air tools line in outstanding quality and earned worldwide reputation.

2001

Pioneered the manufacturing process for the very first composite tools in Taiwan. To let Taiwan be seen with the advanced R&D skills and machining process in the world.

2004

TRANMAX 2nd plant for cordless tools was built and also installed with the precise machining equipment. Together with the professional machining technics, Tranmax is capable to control parts quality on its own.

2005

Started to study and develop the AIR impulse tools.

2008

Industrial Air Impulse Tools

The complete series of AIR impulse tools was developed successfully and sold worldwide next year. Meanwhile, the industrial cordless shut off tools were to develop and marketed worldwide in 2011.

2014

Factory Relocation

Combined two plants and moved to new Renhua factory. The machinery factory was newly built in nearby.

2018

To date, Tranamx has expanded with 175 employees in size of a 40,000m² factory.

PROFESSIONAL CERTIFICATION



ISO 9001:2015 Certificate



Strict Attitude



Service Foremost



Quality First



Integrity & Dignity.



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Air Drills - Chuck Series

TDA-DL04



TDA-DL04S



TDA-DL07



TDA-DL10



Specifications

Model No.	Chuck Size		Free Speed	Rated Power		Net Weight (with Chuck)		Lenghe (with Chuck)		Spindle Size
	inch	mm	RPM	HP	KW	Kg	lb	mm	in	
TDA-DL04-005	3/8"	10	450	0.45	0.34	0.8	1.8	179	7	3/8" x 24 UNF
TDA-DL04-010	3/8"	10	1000	0.45	0.34	0.8	1.8	179	7	3/8" x 24 UNF
TDA-DL04-024	1/4"	6	2100	0.45	0.34	0.7	1.5	158.5	6.2	3/8" x 24 UNF
TDA-DL04-033	1/4"	6	3100	0.45	0.34	0.7	1.5	158.5	6.2	3/8" x 24 UNF
TDA-DL04-045	1/4"	6	4200	0.45	0.34	0.7	1.5	158.5	6.2	3/8" x 24 UNF
TDA-DL04-060	1/4"	6	5200	0.45	0.34	0.7	1.5	158.5	6.2	3/8" x 24 UNF
TDA-DL04-200	1/4"	6	20000	0.45	0.34	0.7	1.5	158.5	6.2	3/8" x 24 UNF
TDA-DL04S-005	3/8"	10	500	0.45	0.34	0.6	1.3	228	9	3/8" x 24 UNF
TDA-DL04S-010	3/8"	10	1000	0.45	0.34	0.6	1.3	228	9	3/8" x 24 UNF
TDA-DL04S-024	1/4"	6	2400	0.45	0.34	0.55	1.2	207	8.1	3/8" x 24 UNF
TDA-DL04S-045	1/4"	6	4500	0.45	0.34	0.55	1.2	207	8.1	3/8" x 24 UNF
TDA-DL04S-060	1/4"	6	6000	0.45	0.34	0.55	1.2	207	8.1	3/8" x 24 UNF
TDA-DL07-003	1/2"	13	300	0.7	0.52	1	2.2	191	7.5	3/8" x 24 UNF
TDA-DL07-005	1/2"	13	500	0.7	0.52	1	2.2	191	7.5	3/8" x 24 UNF
TDA-DL07-007	1/2"	13	700	0.7	0.52	1	2.2	191	7.5	3/8" x 24 UNF
TDA-DL07-013	1/2"	13	1300	0.7	0.52	1	2.2	191	7.5	3/8" x 24 UNF
TDA-DL07-024	3/8"	10	2400	0.7	0.52	0.8	1.8	168.5	6.6	3/8" x 24 UNF
TDA-DL07-033	3/8"	10	3300	0.7	0.52	0.8	1.8	168.5	6.6	3/8" x 24 UNF
TDA-DL07-042	3/8"	10	4200	0.7	0.52	0.8	1.8	168.5	6.6	3/8" x 24 UNF
TDA-DL07-058	3/8"	10	5800	0.7	0.52	0.8	1.8	168.5	6.6	3/8" x 24 UNF
TDA-DL07-200	1/4"	6	20000	0.7	0.52	0.8	1.8	160.5	6.3	3/8" x 24 UNF
TDA-DL10-005	1/2"	13	500	1	0.75	1.2	2.6	241	9.5	3/8" x 24 UNF
TDA-DL10-014	3/8"	10	1400	1	0.75	1.2	2.6	229	9	3/8" x 24 UNF
TDA-DL10-031	3/8"	10	3100	1	0.75	0.9	2	193	7.6	3/8" x 24 UNF
TDA-DL10-060	1/4"	6	6000	1	0.75	0.9	2	185.5	7.3	3/8" x 24 UNF

Air Inlet Size: 1/4" NPTF; **Air Hose Size:** 6.5mm (1/4") for TDA-DL04 & TDA-DL04S; 10mm (3/8") for TDA-DL07 & TDA-DL10

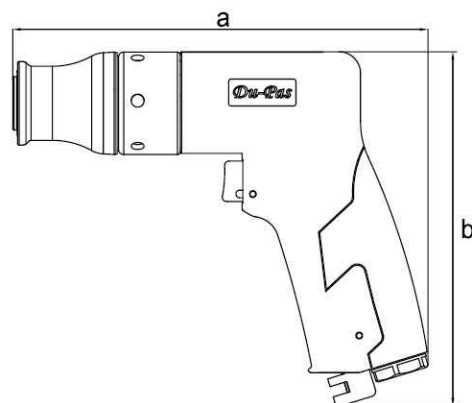
Noise Level: ≤ 80 dB(A)

Angle Drills with Quick Released Drill Heads



TDA-DL04-M

Rated Power : 0.45 HP
Speed : 450 ~ 5200 RPM
(6 models available)



Model No.	Speed (RPM)	a		b	
		mm	inch	mm	inch
TDA-DL04-M005	450	172.8	6.8	131	5.16
TDA-DL04-M010	1000	172.8	6.8	131	5.16
TDA-DL04-M024	2100	154.3	6.1	131	5.16
TDA-DL04-M033	3100	154.3	6.1	131	5.16
TDA-DL04-M045	4200	154.3	6.1	131	5.16
TDA-DL04-M060	5200	154.3	6.1	131	5.16

Noise Level: ≤ 80 dB(A)

A90CS-1



A30C-1



A45C-1

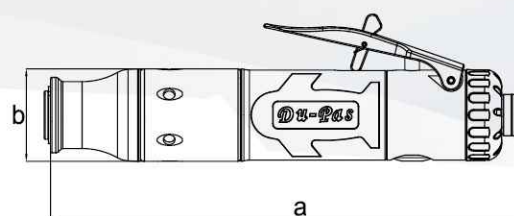


A360C-1



TDA-DL04S-M

Rated Power : 0.45 HP
Speed : 500 ~ 6000 RPM
(5 models available)

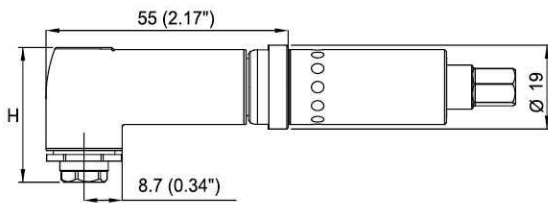


Model No.	Speed (RPM)	a		b	
		mm	inch	mm	inch
TDA-DL04S-M005	500	193.7	7.63	38	1.5
TDA-DL04S-M010	1000	193.7	7.63	38	1.5
TDA-DL04S-M024	2400	176.2	6.94	38	1.5
TDA-DL04S-M045	4500	176.2	6.94	38	1.5
TDA-DL04S-M060	6000	176.2	6.94	38	1.5

Noise Level: ≤ 80 dB(A)

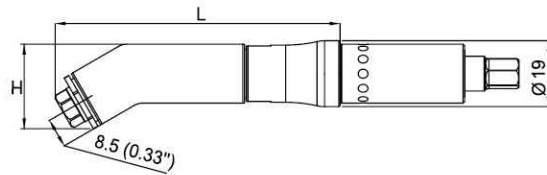
Quick Released Angled Drill Heads

A90CS-1



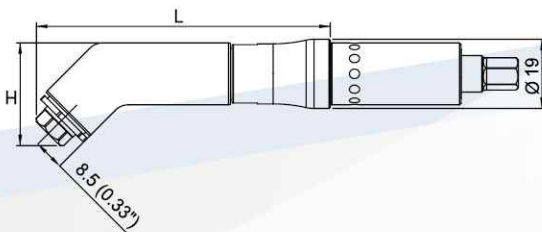
Part No.	Head Type	Height(H)		Weight	
		mm	in	kg	lb
A90CS-1	1/4"x28	30.6	1.2	0.19	0.42
A90CS-C	Collect	33.1	1.3	0.2	0.44

A30C-1



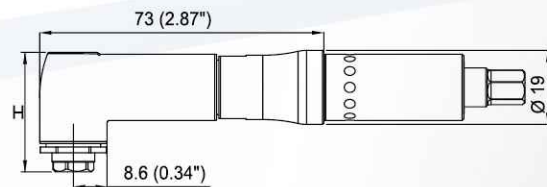
Part No.	Head Type	Length(L)		Height(H)		Weight	
		mm	in	mm	in	kg	lb
A30C-1	1/4"x28	82.2	3.24	24.4	0.96	0.18	0.4
A30C-C	Collect	84.2	3.31	24.6	0.97	0.19	0.42

A45C-1



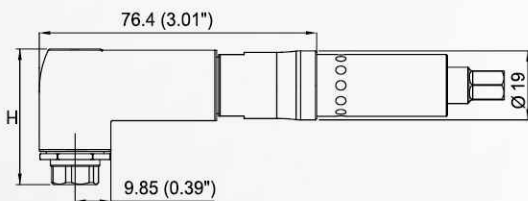
Part No.	Head Type	Length(L)		Height(H)		Weight	
		mm	in	mm	in	kg	lb
A45C-1	1/4"x28	80.7	3.18	28.2	1.11	0.19	0.42
A45C-C	Collect	82.3	3.24	29.8	1.17	0.2	0.44

A90C-1



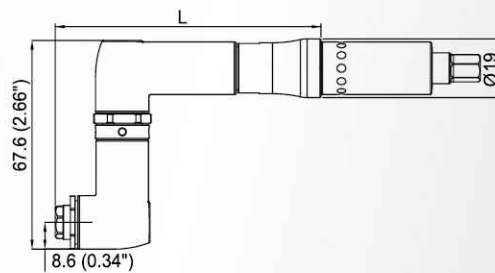
Part No.	Head Type	Height(H)		Weight	
		mm	in	kg	lb
A90C-1	1/4"x28	30.7	1.21	0.2	0.44
A90C-C	Collect	32.7	1.29	0.21	0.46

A90S-1



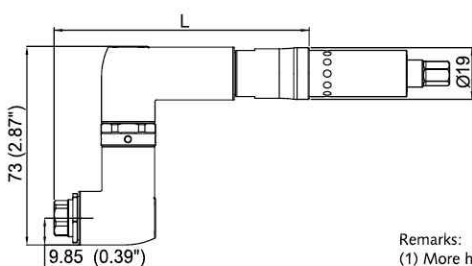
Part No.	Head Type	Height(H)		Weight	
		mm	in	kg	lb
A90S-1	1/4"x28	37.3	1.47	0.22	0.49
A90S-2	5/16"x24	37.3	1.47	0.22	0.49
A90S-S	Collect	42.3	1.67	0.23	0.51

A360C-1



Part No.	Head Type	Length(L)		Weight	
		mm	in	kg	lb
A360C-1	1/4"x28	86.1	3.39	0.25	0.55
A360C-C	Collect	88.7	3.49	0.26	0.57

A360S-1

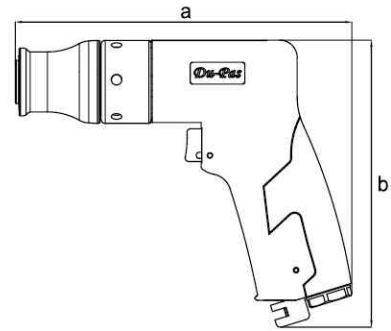


Part No.	Head Type	Length(L)		Weight	
		mm	in	kg	lb
A360S-1	1/4"x28	93.9	3.7	0.3	0.66
A360S-2	5/16"x24	93.9	3.7	0.3	0.66
A360S-S	Collect	98.9	3.89	0.31	0.68

Remarks:

- (1) More heads in different size are available. If needed, please contact your local Du-Pas authorized distributor.
- (2) Customization of angled drill heads are welcome. Contact your local Du-Pas authorized distributor for further assistance.

Internal Hex Drive Drills with Quick Released Off-Set Drill Heads



Model No.	Speed (RPM)	a		b	
		mm	inch	mm	inch
TDA-DL04-M005	450	172.8	6.8	131	5.16
TDA-DL04-M010	1000	172.8	6.8	131	5.16
TDA-DL04-M024	2100	154.3	6.1	131	5.16
TDA-DL04-M033	3100	154.3	6.1	131	5.16
TDA-DL04-M045	4200	154.3	6.1	131	5.16
TDA-DL04-M060	5200	154.3	6.1	131	5.16

TDA-DL04-M

Rated Power : 0.45 HP
Speed : 450 ~ 5200 RPM
(6 models available)



QR Sereis (Right)



QL Sereis (Left)

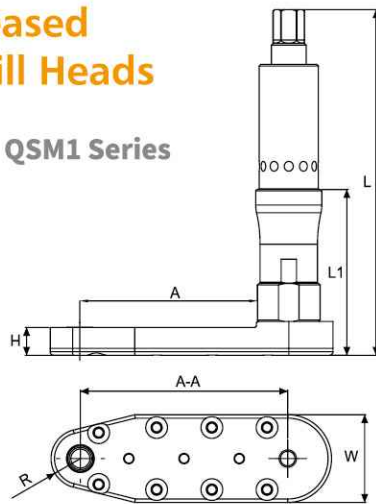


QS Sereis

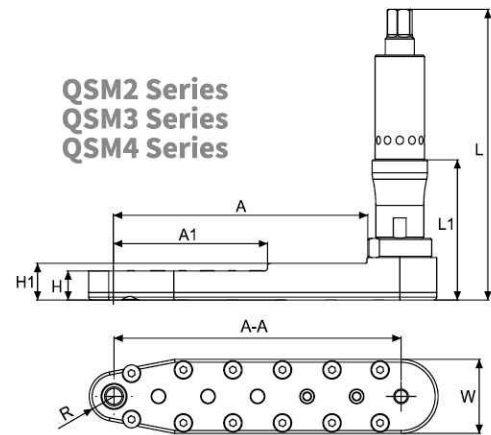


Quick Released Off-Set Drill Heads

QSM1 Series



**QSM2 Series
QSM3 Series
QSM4 Series**

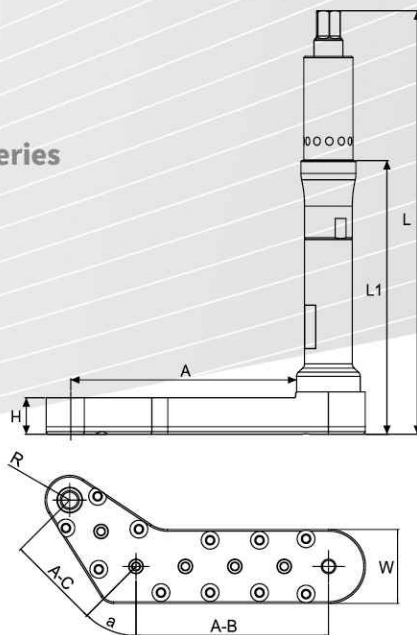


Part No.	Offset Type	Gear Stage	Drilling Direction	H mm	H1 mm	A mm	A1 mm	A-A mm	W mm	R mm	L mm	L1 mm	Offset Angle	Inner Thread
QSM1-01	90°	4	Forward	8	-	39.4	-	48.4	16	7.5	99.3	47.6	-	1/4"-28
QSM1-02	90°	4	Forward	8	-	51.1	-	60.1	25.4	8.5	99.3	47.6	-	1/4"-28
QSM2-01	90°	6	Forward	10	12.6	87.5	53	98.5	25.4	8.5	99.9	48.2	-	1/4"-28
QSM2-02	90°	8	Forward	8.9	-	121.5	-	132.5	25	8.6	99.9	48.2	-	1/4"-28
QSM3-01	90°	6	Forward	10	12.6	87.5	53	98.5	25.4	8.5	146.2	94.5	-	1/4"-28
QSM3-02	90°	4	Forward	8.9	-	53.5	-	64.5	25	8.6	146.2	94.5	-	1/4"-28
QSM3-03	90°	8	Forward	8.9	-	121.5	-	132.5	25	8.6	146.2	94.5	-	1/4"-28
QSM4-01	90°	6	Forward	10	12.6	87.5	53	98.5	25.4	8.5	178.8	127.1	-	1/4"-28

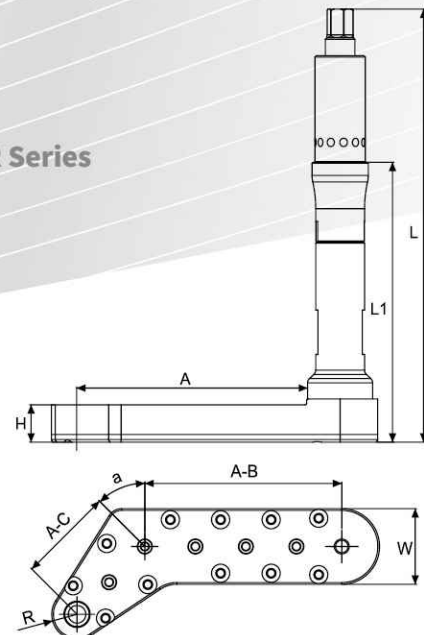


Use the standard Threaded type drill for the inner thread of 1/4"-28 output.

QL Series



QR Series



Part No.	Offset Type	Gear Stage	Drilling Direction	H mm	H1 mm	A mm	A1 mm	A-B mm	A-C mm	W mm	R mm	L mm	L1 mm	Offset Angle	Inner Thread
QLM2-01	Left	6	Forward	12.6	-	78	-	66.25	32.25	25.4	8.5	99.9	48.2	45°	1/4"-28
QLM2-02	Left	6	Forward	10	12.6	78	36	66.25	32.25	25.4	8.5	99.9	48.2	45°	1/4"-28
QLM3-01	Left	6	Forward	12.6	-	78	-	66.25	32.25	25.4	8.5	146.2	94.5	45°	1/4"-28
QLM4-01	Left	6	Forward	12.6	-	78	-	66.25	32.25	25.4	8.5	178.8	127.1	45°	1/4"-28
QRM2-01	Right	6	Forward	12.6	-	78	-	66.25	32.25	25.4	8.5	99.9	48.2	45°	1/4"-28
QRM2-02	Right	6	Forward	10	12.6	78	36	66.25	32.25	25.4	8.5	99.9	48.2	45°	1/4"-28
QRM3-01	Right	6	Forward	12.6	-	78	-	66.25	32.25	25.4	8.5	146.2	94.5	45°	1/4"-28
QRM4-01	Right	6	Forward	12.6	-	78	-	66.25	32.25	25.4	8.5	178.8	127.1	45°	1/4"-28

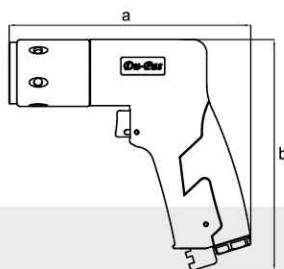


Use the standard Threaded type drill for the inner thread of 1/4"-28 output.

Angle Drills with Fixed Heads



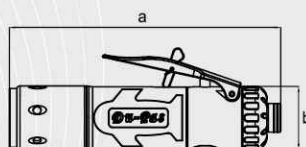
Pistol Type
Rated Power : 0.45 HP



Speed (RPM)	a		b	
	mm	inch	mm	inch
450	137.9	5.43	131.5	5.18
1000	137.9	5.43	131.5	5.18
2100	119.4	4.7	131.5	5.18
3100	119.4	4.7	131.5	5.18
4200	119.4	4.7	131.5	5.18
5200	119.4	4.7	131.5	5.18

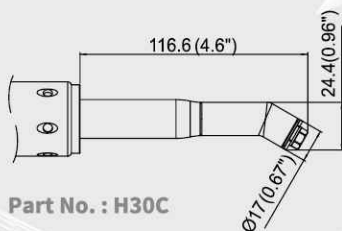


Straight Type
Rated Power : 0.45 HP

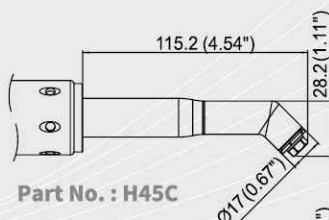


Speed (RPM)	a		b	
	mm	inch	mm	inch
500	161.5	6.36	38	1.5
1000	161.5	6.36	38	1.5
2400	143	5.63	38	1.5
4500	143	5.63	38	1.5
6000	143	5.63	38	1.5

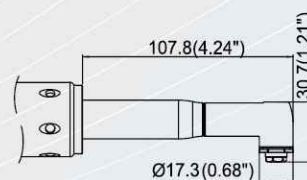
Fixed Angled Drill Heads



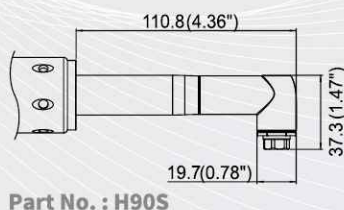
Part No. : H30C



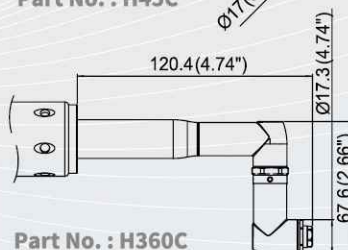
Part No. : H45C



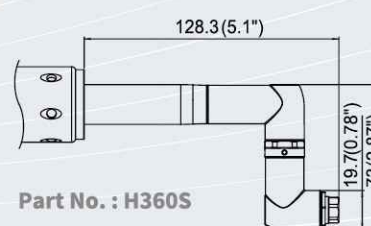
Part No. : H90C



Part No. : H90S



Part No. : H360C



Part No. : H360S

Remarks:

- (1) The chuck size for the above heads is 1/4" x 28. Customization for different chuck size is welcome.
- (2) More heads in different size are available. If needed, please contact your local Du-Pas authorized distributor.
- (3) Customization of angled drill heads are welcome. Contact your local Du-Pas authorized distributor for further assistance.

Please fill in this form to order.

Angled Drill Head No.	Tool Type	Tool Speed	Output Type
	☐ Pistol		☐ Threaded, DIM: _____
	☐ Straight		☐ Collet, DIM: _____

Internal Hex Drive Drills with Fixed Off-Set Drill Heads

Please fill in this form to order.

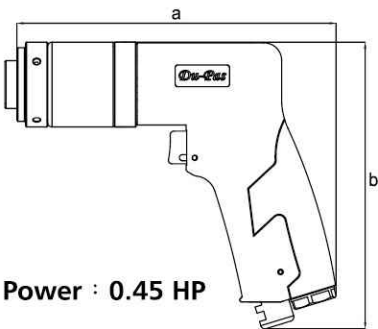
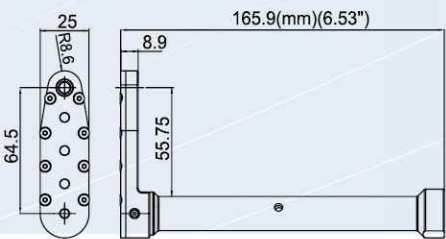
Off-Set Drill Heads	Rated Power(HP)	Speed(RPM)
☐ LI6-01	☐ 0.45	
☐ LI6-02	☐ 0.7	



Tool view with
Drill head of LI6-01

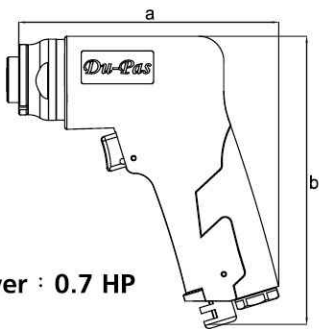
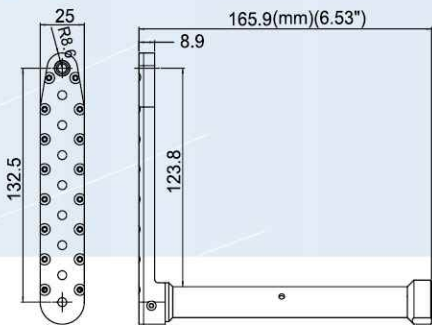
Internal Hex Drive Drills with Fixed Off-Set Drill Heads

Part No. : LI6-01



Rated Power : 0.45 HP

Part No. : LI6-02



Rated Power : 0.7 HP

Speed (RPM)	a		b	
	mm	inch	mm	inch
450	147	5.79	131.8	5.19
1000	147	5.79	131.8	5.19
2100	128.5	5.06	131.8	5.19
3100	128.5	5.06	131.8	5.19
4200	128.5	5.06	131.8	5.19
5200	128.5	5.06	131.8	5.19

Speed (RPM)	a		b	
	mm	inch	mm	inch
300	135.8	5.35	139.3	5.48
500	135.8	5.35	139.3	5.48
700	135.8	5.35	139.3	5.48
1300	135.8	5.35	139.3	5.48
2400	125.8	4.95	139.3	5.48
3300	125.8	4.95	139.3	5.48
4200	125.8	4.95	139.3	5.48
5800	125.8	4.95	139.3	5.48

Hi-Tite Tools

Offered with various off-set heads

【Pistol Type】



【Straight Type】



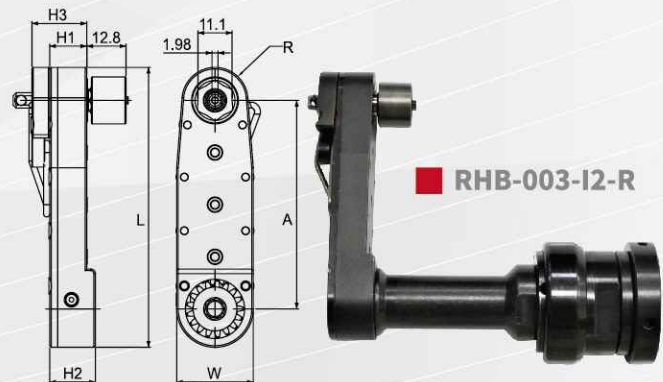
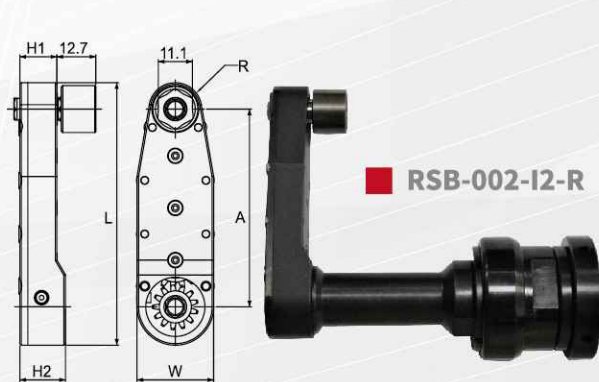
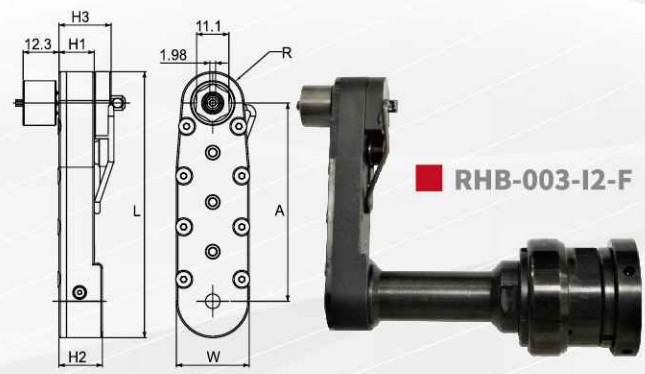
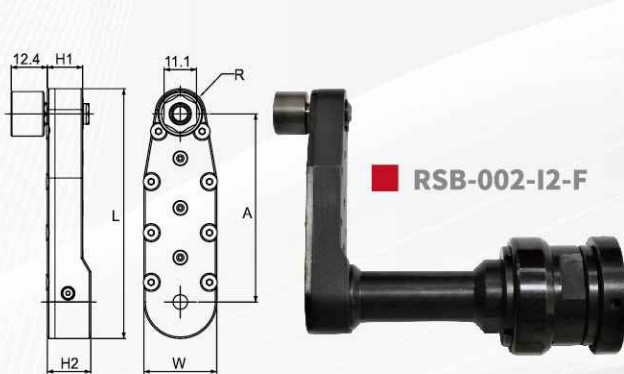
Remark:

The Hi-Tite tools are able to work with various off-set heads with 360° indexing capability and in different types, such as fixed, L type and straight, to efficiently provide the best assembly solutions. In addition, the customization requests are welcome.

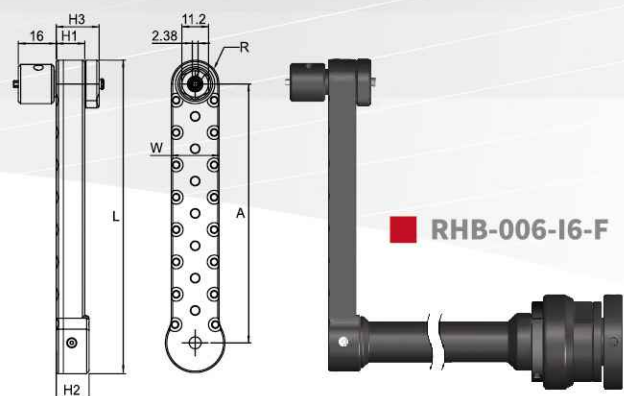
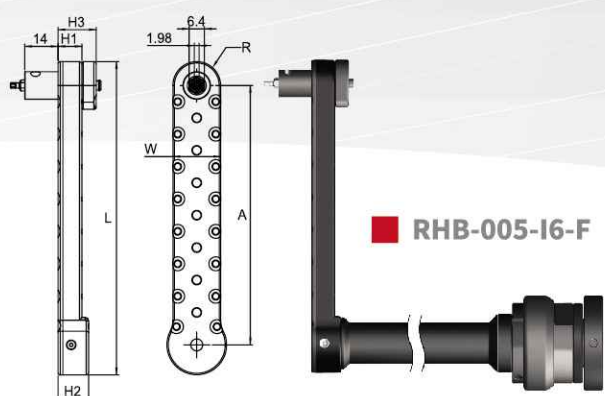
If needed, please fill in the "New Tool Application Form" and contact your local Du-Pas distributor for further assistance.

Off-Set Heads

360° index unit • 8 positions • 2" extended



360° index unit • 8 positions • 6" extended

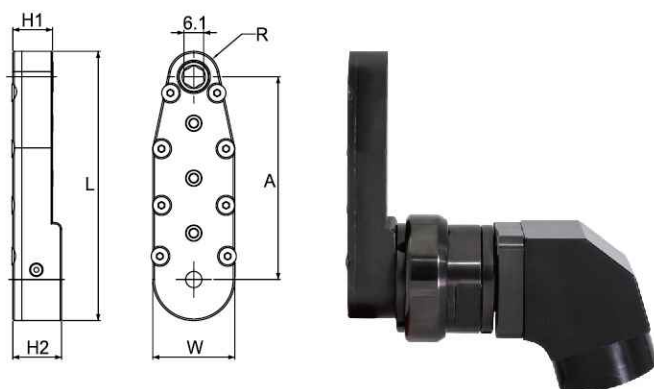


Specifications

Part No.	No. of Gear	L	H1	H2	H3	A	R	W
		mm	mm	mm	mm	mm	mm	mm
RSB-002-I2-F	4	85.6	11.9	14.7	-	64.5	8.6	25
RHB-003-I2-F	4	91.25	11.9	14.7	17.7	68	10.75	25
RSB-002-I2-R	4	85.6	11.9	14.7	-	64.5	8.6	25
RHB-003-I2-R	4	91.25	11.9	14.7	17.7	68	10.75	25
RHB-005-I6-F	8	131.3	10	12.8	16	108.8	10	20
RHB-006-I6-F	8	131.3	12	13.8	18	108.8	10	20

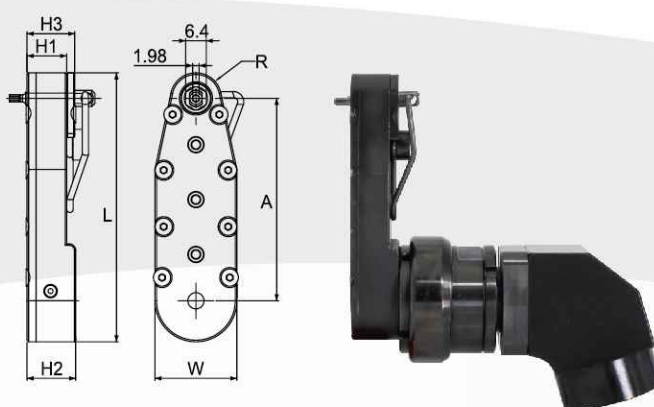
Off-Set Heads

360° index unit • 8 positions • 17° Angled Heads



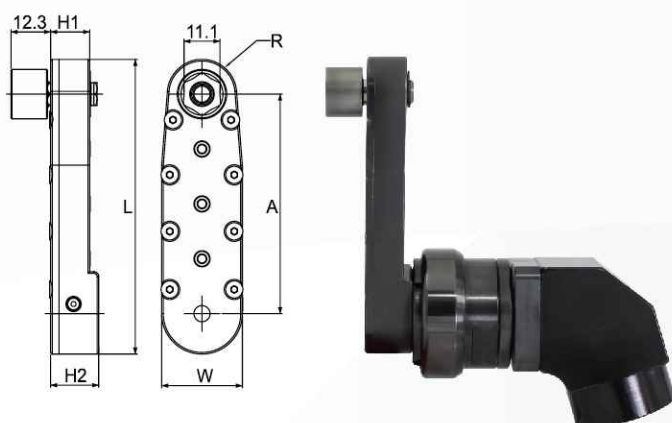
Part No.	No. of Gear	L	H1	H2
RGA-001-X	4	83.3	12.1	14.9
		A	R	W
		62.7	7.9	25.4

(Unit:mm)



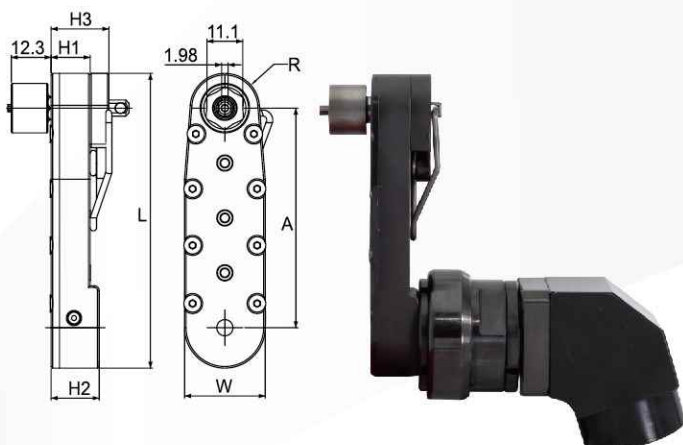
Part No.	No. of Gear	L	H1	H2	H3
RBA-001-X	4	83.3	12.1	14.9	14.6
		A	R	W	
		62.7	7.9	25.4	

(Unit:mm)



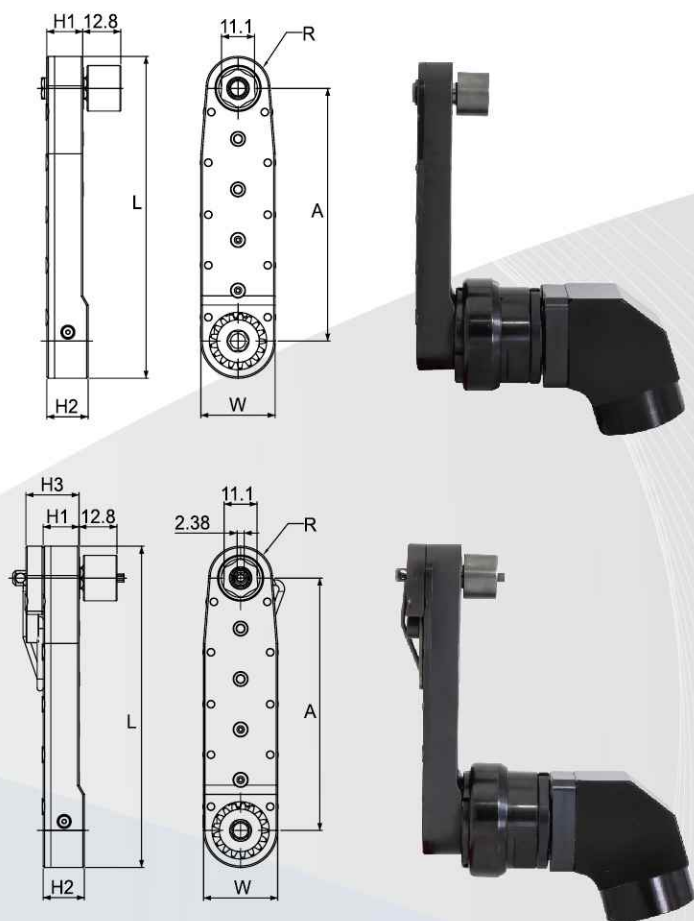
Part No.	No. of Gear	L	H1	H2
RSA-003-X-F	4	91.25	11.9	14.7
		A	R	W
		68	10.75	25

(Unit:mm)



Part No.	No. of Gear	L	H1	H2	H3
RHA-003-X-F	4	91.25	11.9	14.7	17.7
		A	R	W	
		68	10.75	25	

(Unit:mm)



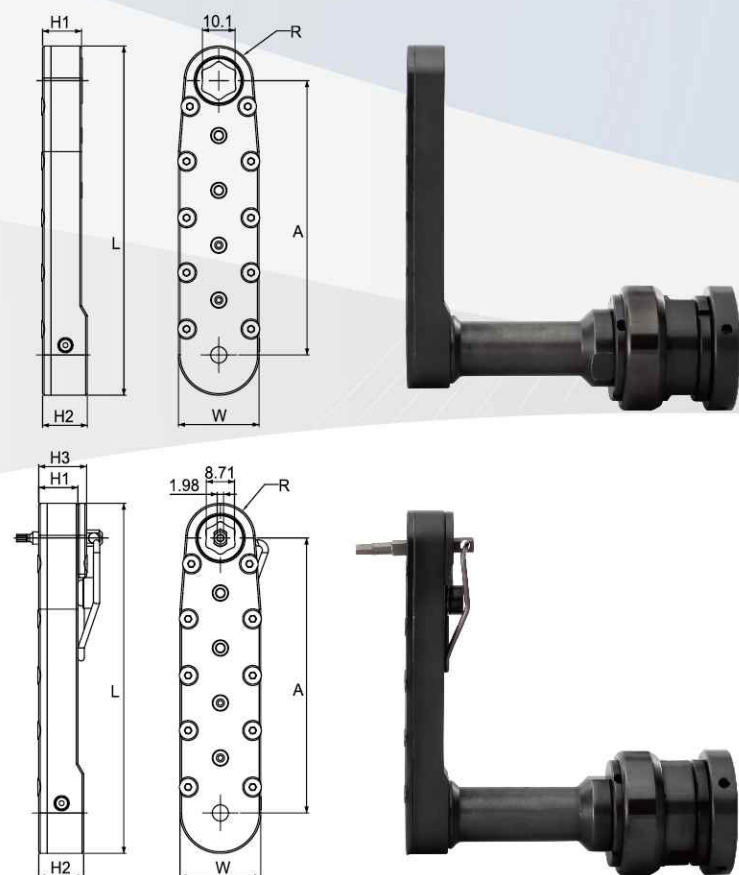
Part No.	No. of Gear	L	H1	H2
RSA-004-X-R	5	108.25	11.9	13.7
		A	R	W
		85	10.75	25

(Unit:mm)

Part No.	No. of Gear	L	H1	H2	H3
RHA-004-X-R	5	108.25	11.9	13.7	17.7
		A	R	W	
		85	10.75	25	

(Unit:mm)

360° index unit • 8 positions • 2" extended



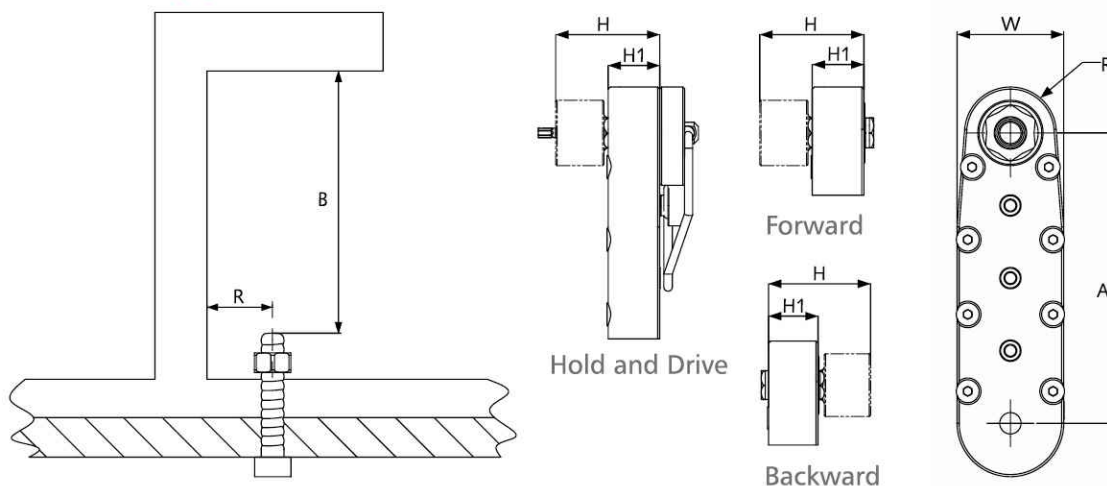
Part No.	No. of Gear	L	H1	H2
RGB-004-I2	5	108.25	11.9	13.7
		A	R	W
		85	10.75	25

(Unit:mm)

Part No.	No. of Gear	L	H1	H2	H3
RBB-004-I2	5	108.25	11.9	13.7	14.6
		A	R	W	
		85	10.75	25	

(Unit:mm)

New Tool Application Form



Items	Dimensions Requirements	
" R "	Minimum Dimension	_____ ☐ inches ☐ mm
" B "	Minimum Clearance over Pin	_____ ☐ inches ☐ mm
" A "	Length of Offset	[Minimum] _____ ☐ inches ☐ mm
		[Maximum] _____ ☐ inches ☐ mm
" W "	Width of Offset	_____ ☐ inches ☐ mm
" H "	Maximum Height of Offset (incl. socket)	_____ ☐ inches ☐ mm
	Direction of Offset	☐ Forward ☐ Backward
" H 1 "	Thickness of Offset	_____ ☐ inches ☐ mm
Position	360° index unit · 8 positions	☐ Yes ☐ No
Torque	Final tightening torque requirement	_____ ☐ in-lb ☐ Ft-lb ☐ Nm
Output	Hex Size:	☐ inch ☐ mm
	Extended socket: ☐ Yes ☐ No	Length _____ ☐ inches ☐ mm
	Hold & Drive: ☐ Yes ☐ No	Spring ☐ internal ☐ external
	Hex Type:	Type of Hex Key: Size of Hex Key:
Joint Type	Specify your application	☐ Nut ☐ Bolt (Please send a sample if possible)
		☐ Hard ☐ Medium ☐ Soft

[Tool Type]

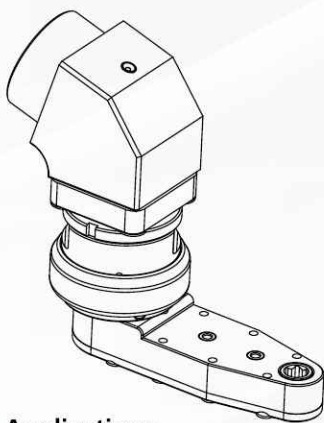
☐ Pistol Type 90°	☐ Pistol Type 17°	☐ Straight Type 17°

Other requests:

Air Torque Control Shut off Motor / TDCS-D Pistol Type

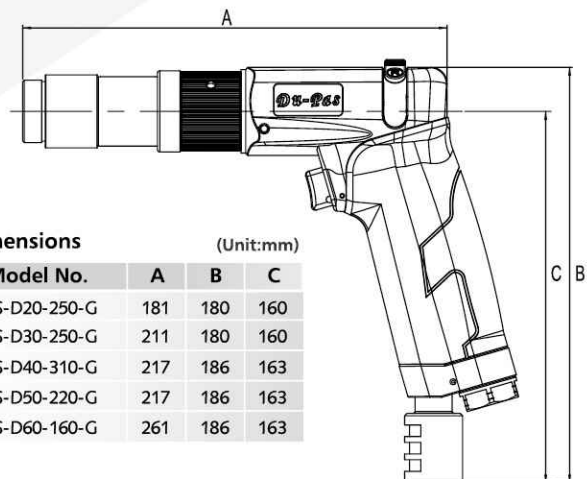
The output torques are tested based on Six Sigma, with $\pm 5\%$ torque scatter.

TDCS-D20-250-G



Applications

This air shut off motor works with various offset heads to provide full flexibility for difficult access applications.



Dimensions

(Unit:mm)

Model No.	A	B	C
TDCS-D20-250-G	181	180	160
TDCS-D30-250-G	211	180	160
TDCS-D40-310-G	217	186	163
TDCS-D50-220-G	217	186	163
TDCS-D60-160-G	261	186	163

Specifications

Model No.	Drive Size	Bolt Capacity	Torque Range		Free Speed	Weight		Air Inlet	Noise Level
	inch	mm	in-lb	Nm	rpm	lb	kg	inch	dB(A)
TDCS-D20-250-G	1/4" Hex	M3 - M5	13 - 44	1.5 - 5	250	2.27	1.03	1/4"	75
TDCS-D30-250-G	1/4" Hex	M5	35 - 80	4 - 9	250	2.57	1.17	1/4"	75
TDCS-D40-310-G	1/4" Hex	M5 - M6	71 - 124	8 - 14	310	3.26	1.48	1/4"	80
TDCS-D50-220-G	1/4" Hex	M6 - M8	97 - 159	11 - 18	220	3.26	1.48	1/4"	80
TDCS-D60-160-G	1/4" Hex	M8	159 - 292	18 - 33	160	3.81	1.73	1/4"	80

Max air pressure: 90 PSI (6.3kg/cm²) / 0.63Mpa

Hose size: 10mm × 6.5mm × 5m

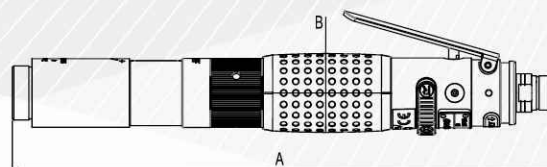
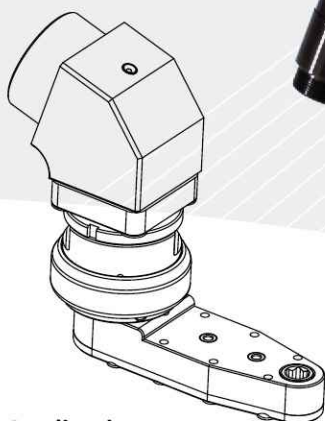
All test data is verified based on an external German calibration bench at the Tranmax Lab.

Air Torque Control Shut off Motor / TDCS-D Straight Type

The output torques are tested based on Six Sigma, with $\pm 5\%$ torque scatter.

TDCS-D20SL-250-G

TDCS-D40SL-310-G
TDCS-D50SL-220-G



Applications

This air shut off motor works with various offset heads to provide full flexibility for difficult access applications.

Dimensions

(Unit:mm)

Model No.	A	B
TDCS-D20SL-250-G	238	39
TDCS-D30SL-250-G	268	39
TDCS-D40SL-310-G	292	45
TDCS-D50SL-220-G	292	45
TDCS-D60SL-160-G	335	45

Specifications

Model No.	Drive Size	Bolt Capacity	Torque Range		Free Speed	Weight		Air Inlet	Noise Level
	inch	mm	in-lb	Nm	rpm	lb	kg	inch	dB(A)
TDCS-D20SL-250-G	1/4" Hex	M3 - M5	13 - 44	1.5 - 5	250	1.95	0.89	1/4"	78
TDCS-D30SL-250-G	1/4" Hex	M5	35 - 80	4 - 9	250	2.26	1.03	1/4"	78
TDCS-D40SL-310-G	1/4" Hex	M5 - M6	71 - 124	8 - 14	310	2.94	1.34	1/4"	83
TDCS-D50SL-220-G	1/4" Hex	M6 - M8	97 - 159	11 - 18	220	2.94	1.34	1/4"	83
TDCS-D60SL-160-G	1/4" Hex	M8	159 - 292	18 - 33	160	3.45	1.57	1/4"	83

Max air pressure: 90 PSI (6.3kg/cm²) / 0.63Mpa

Hose size: 10mm × 6.5mm × 5m

All test data is verified based on an external German calibration bench at the Tranmax Lab.

Air Angle Nutrunners / TDCS-D Angle Type

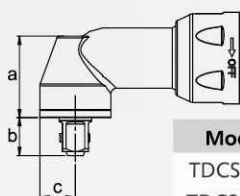
The torque accuracy conforms with a CMK value of ≥ 2 with $\pm 10\%$ tolerance in relation to Six Sigma, with $\pm 5\%$ torque scatter according to ISO5393.



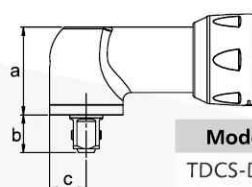
TDCS-D20RX



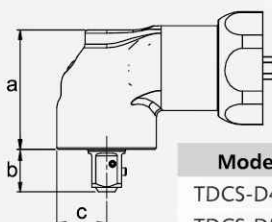
TDCS-D40RX
TDCS-D50RX



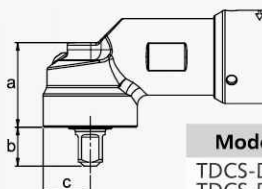
(Unit:mm)					
Model No.	Drive Size	a	b	c	
TDCS-D20RQ	1/4" Hex	29.8	17	13	
TDCS-D20RW	1/4" Sq	29.8	11.6	13	
TDCS-D20RX	3/8" Sq	29.8	13.8	13	



(Unit:mm)					
Model No.	Drive Size	a	b	c	
TDCS-D30RQ	1/4" Hex	32.3	17	13.5	
TDCS-D30RW	1/4" Sq	32.3	12.2	13.5	
TDCS-D30RX	3/8" Sq	32.3	13.8	13.5	



(Unit:mm)					
Model No.	Drive Size	a	b	c	
TDCS-D40RX	3/8" Sq	38	13.6	15.9	
TDCS-D50RX					



(Unit:mm)					
Model No.	Drive Size	a	b	c	
TDCS-D60RX	3/8" Sq	33.2	15.2	18.5	
TDCS-D70RX					
TDCS-D60RY	1/2" Sq	33.2	18.7	18.5	
TDCS-D70RY					

Specifications

Model No.	Drive Size	Bolt Capacity	Torque Range		Free Speed	Weight		Max. Diameter		Length		Air Inlet	Noise Level
	inch	mm	in-lb	Nm	rpm	lb	kg	inch	mm	inch	mm	inch	dB(A)
TDCS-D20RQ-900	1/4" Hex	M4 - M5	22 - 62	2.5 - 7	900	2.42	1.1	1.53	39	11.9	303	1/4"	78
TDCS-D20RW-900	1/4" Sq												
TDCS-D20RX-900	3/8" Sq												
TDCS-D30RQ-480	1/4" Hex	M5 - M6	53 - 106	6 - 12	480	2.82	1.28	1.53	39	13.2	336	1/4"	78
TDCS-D30RW-480	1/4" Sq												
TDCS-D30RX-480	3/8" Sq												
TDCS-D30RQ-320	1/4" Hex	M5 - M6	53 - 133	6 - 15	320	2.82	1.28	1.53	39	13.2	336	1/4"	78
TDCS-D30RW-320	1/4" Sq												
TDCS-D30RX-320	3/8" Sq												
TDCS-D40RX-400	3/8" Sq	M6 - M8	89 - 160	10 - 18	400	3.85	1.75	1.77	45	14.4	366	1/4"	83
TDCS-D50RX-270	3/8" Sq	M8	124 - 212	14 - 24	270	3.85	1.75	1.77	45	14.4	366	1/4"	83
TDCS-D60RX-120	3/8" Sq	M8 - M10	212 - 400	24 - 45	120	4.47	2.03	1.77	45	16.1	408	1/4"	83
TDCS-D60RY-120	1/2" Sq												
TDCS-D70RX-100	3/8" Sq	M10 - M12	310 - 530	35 - 60	100	4.47	2.03	1.77	45	16.1	408	1/4"	83
TDCS-D70RY-100	1/2" Sq												

Max air pressure: 90 PSI (6.3kg/cm²) / 0.63Mpa

Hose size: 10mm × 6.5mm × 5m

All test data is verified based on an external German calibration bench at the Tranmax Lab.

Air Die Grinders Straight Type



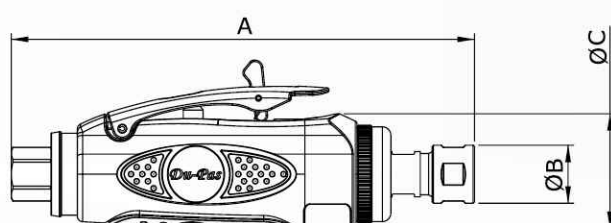
TDW-501F



TDW-521F



TDW-651F



Model No.	A mm	B mm	C mm
TDW-501F	163	Ø 20.5	Ø 38.4
TDW-521F	181	Ø 20.5	Ø 43.8
TDW-651F	207	Ø 20.5	Ø 46

Angle Type



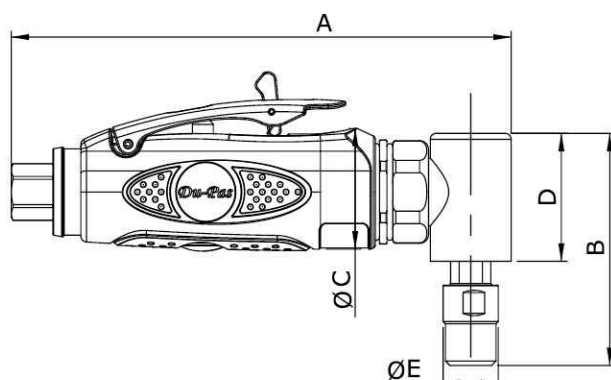
TDW-501FA



TDW-521FA



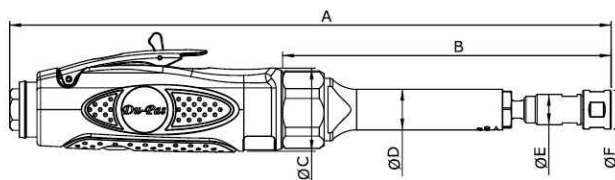
TDW-651FA



Model No.	A mm	B mm	C mm	D mm	E mm
TDW-501FA	168	74	Ø 38.4	43	Ø 20.5
TDW-521FA	198	91.5	Ø 43.8	58	Ø 20.5
TDW-651FA	226	91.5	Ø 46	58	Ø 20.5

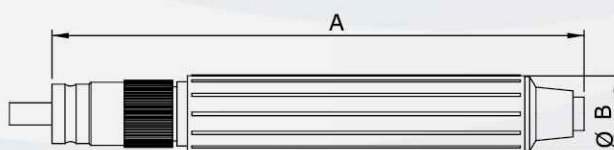
Air Die Grinders

Straight Extended Type



Model No.	A	B	C	D	E	F
	mm	mm	mm	mm	mm	mm
TDW-524F	321	177	Ø43.8	Ø21.4	Ø16	Ø20.5
TDW-654F	347	177	Ø46	Ø21.4	Ø16	Ø20.5

Micro Type

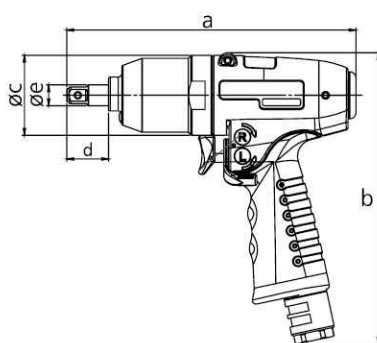


Model No.	A	B
	mm	mm
TDW-504H	148	Ø20.5

Specifications

Model No.	Chuck Size	Speed	Rated Power		Weight		Noise Level	Hose Size
	mm(inch)	rpm	Hp	KW	lb	Kg	dBA	inch
TDW-501F	6(1/4")	22000	0.3	0.2	1	0.45	80	3/8"
TDW-521F	6(1/4")	20000	0.5	0.4	1.4	0.65	86	3/8"
TDW-651F	6(1/4")	20000	1	0.75	1.8	0.8	89	3/8"
TDW-501FA	6(1/4")	19000	0.3	0.2	1.1	0.5	80	3/8"
TDW-521FA	6(1/4")	15000	0.5	0.4	2	0.9	86	3/8"
TDW-651FA	6(1/4")	15000	1	0.75	2.4	1.1	89	3/8"
TDW-524F	6(1/4")	20000	0.5	0.4	2.2	1	86	3/8"
TDW-654F	6(1/4")	20000	1	0.75	2.7	1.2	89	3/8"
TDW-504H	3(1/8")	60000	0.2	0.1	0.4	0.2	84	1/4"

Air Impulse Tools



(Unit:mm)

(Unit:mm)

Dimensions

Model No.	a	b	c	d	e
TDI(S)-30	167	168	ø46	24	ø12
TDI(S)-40	167	168	ø46	24	ø12
TDI(S)-50	167	168	ø46	24	ø12
TDI(S)-60	178	168	ø46	24	ø12

Dimensions

Model No.	a	b	c	d	e
TDI-30X	136	168	ø46	24	ø12
TDI-40X	136	168	ø46	24	ø12
TDI-50X	136	168	ø46	24	ø12
TDI-60X	147	168	ø46	24	ø12



TDI-30.40
TDIS-30.40



TDI-50
TDIS-50



TDI-60
TDIS-60



TDI-30X
TDI-40X
TDI-50X
TDI-60X

Non shut-off

Model No.	Drive Size	Bolt Capacity	Torque Range 5-6kg/cm ²	Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(inch)	mm	Nm (ft-lb)	5kg/cm ²	6kg/cm ²	kg	mm	dB(A)	m ³ /min	ft ³ /min	mm
TDI-30	9.5(3/8")	M6	6.5-13(4.8-9.6)	4300	4600	0.87	167	78	0.25	8.8	6.5
TDI-30X	9.5(3/8")	M6	6.5-13(4.8-9.6)	4300	4600	0.72	141	78	0.25	8.8	6.5
TDI-40	9.5(3/8")	M6-M8	10-19(7.4-14)	4300	4600	0.9	167	78	0.25	8.8	6.5
TDI-40X	9.5(3/8")	M6-M8	10-19(7.4-14)	4300	4600	0.74	141	78	0.25	8.8	6.5
TDI-50	9.5(3/8")	M8	14-28(10.4-20.7)	6800	7200	0.9	167	80	0.35	12.3	6.5
TDI-50X	9.5(3/8")	M8	14-28(10.4-20.7)	6800	7200	0.74	141	80	0.35	12.3	6.5
TDI-60	9.5(3/8")	M8-M10	20-35(14.7-25.8)	5900	6200	0.97	178	82	0.4	14.1	8
TDI-60X	9.5(3/8")	M8-M10	20-35(14.7-25.8)	5900	6200	0.8	152	82	0.4	14.1	8

Shut-off

Model No.	Drive Size	Bolt Capacity	Torque Range 5-6kg/cm ²	Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(inch)	mm	Nm (ft-lb)	5kg/cm ²	6kg/cm ²	kg	mm	dB(A)	m ³ /min	ft ³ /min	mm
TDIS-30	9.5(3/8")	M6	6.5-13(4.8-9.6)	4300	4600	0.89	167	78	0.25	8.8	6.5
TDIS-40	9.5(3/8")	M6-M8	10-19(7.4-14)	4300	4600	0.92	167	78	0.25	8.8	6.5
TDIS-50	9.5(3/8")	M8	14-28(10.4-20.7)	6800	7200	0.92	167	80	0.35	12.3	6.5
TDIS-60	9.5(3/8")	M8-M10	20-35(14.7-25.8)	5900	6200	1.0	178	82	0.4	14.1	8

Air Inlet : TDI(S)-30~150 : 1/4" TDI(S)-180 : 3/8"

Recommended Air Pressure : 70~85 PSI (5kg/cm²~6kg/cm²) / 0.5MPa~0.6MPa

Air Hose Size : 10mm×6.5mm×5m for TDI(S)-30~50 12mm×8mm×5m for TDI(S)-60~100 16mm×11mm×5m for TDI(S)-130~180

(Unit:mm)

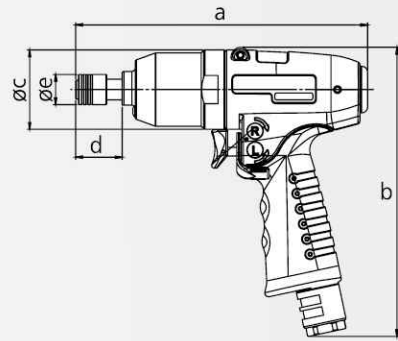
Dimensions

Model No.	a	b	c	d	e
TDI(S)-30D	163	168	ø46	21	ø17.5
TDI(S)-40D	170	168	ø46	27	ø17.5
TDI(S)-50D	170	168	ø46	27	ø17.5
TDI(S)-60D	181	168	ø46	27	ø17.5
TDI(S)-65D	192	170	ø47	28	ø19
TDI(S)-70D	197	192	ø53.5	28	ø19

(Unit:mm)

Dimensions

Model No.	a	b	c	d	e
TDI-30DX	133	168	ø46	21	ø17.5
TDI-40DX	139	168	ø46	27	ø17.5
TDI-50DX	139	168	ø46	27	ø17.5
TDI-60DX	150	168	ø46	27	ø17.5
TDI-70DX	192	170	ø47	28	ø19
TDIS-70DX	192	170	ø47	28	ø19



TDI-30D.40D
TDIS-30D.40D



TDI-70D
TDIS-70D



TDI-30DX
TDI-40DX
TDI-50DX
TDI-60DX



TDI-50D.60D
TDIS-50D.60D



TDI-65D
TDIS-65D
TDI-70DX
TDIS-70DX



Non shut-off

Model No.	Hex Size	Bolt Capacity	Torque Range 5-6kg/cm ²	Bit Shank	Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(inch)	mm	Nm (ft-lb)	mm	5kg/cm ²	6kg/cm ²	kg	mm	dB(A)	m ³ /min	ft ³ /min	mm
TDI-30D	6.35(1/4")	M6	5.5-13(4.1-9.6)	9	4300	4600	0.87	163	78	0.25	8.8	6.5
TDI-30DX	6.35(1/4")	M6	5.5-13(4.1-9.6)	9	4300	4600	0.72	137	78	0.25	8.8	6.5
TDI-40D	6.35(1/4")	M6-M8	9-18(6.6-13.3)	9	4300	4600	0.9	170	78	0.25	8.8	6.5
TDI-40DX	6.35(1/4")	M6-M8	9-18(6.6-13.3)	9	4300	4600	0.74	144	78	0.25	8.8	6.5
TDI-50D	6.35(1/4")	M8	13-26(9.6-19.2)	9	6800	7200	0.9	170	80	0.35	12.3	6.5
TDI-50DX	6.35(1/4")	M8	13-26(9.6-19.2)	9	6800	7200	0.74	144	80	0.35	12.3	6.5
TDI-60D	6.35(1/4")	M8	18-30(13.3-22.1)	9	5900	6200	0.97	181	82	0.4	14.1	8
TDI-60DX	6.35(1/4")	M8	18-30(13.3-22.1)	9	5900	6200	0.8	155	82	0.4	14.1	8
TDI-65D	6.35(1/4")	M8-M10	23-38(16.9-28)	9	4500	4800	1.05	192	82	0.43	15.2	8
TDI-70D	6.35(1/4")	M10	29-47(21.4-34.6)	9	6900	7200	1.33	197	82	0.45	15.9	8
TDI-70DX	6.35(1/4")	M8-M10	26-44(19.1-32.4)	9	5200	5400	1.05	192	82	0.43	15.2	8

Shut-off

Model No.	Hex Size	Bolt Capacity	Torque Range 5-6kg/cm ²	Bit Shank	Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(inch)	mm	Nm (ft-lb)	mm	5kg/cm ²	6kg/cm ²	kg	mm	dB(A)	m ³ /min	ft ³ /min	mm
TDIS-30D	6.35(1/4")	M6	5.5-13(4.1-9.6)	9	4300	4600	0.89	163	78	0.25	8.8	6.5
TDIS-40D	6.35(1/4")	M6-M8	9-18(6.6-13.3)	9	4300	4600	0.92	170	78	0.25	8.8	6.5
TDIS-50D	6.35(1/4")	M8	13-26(9.6-19.2)	9	6800	7200	0.92	170	80	0.35	12.3	6.5
TDIS-60D	6.35(1/4")	M8	18-30(13.3-22.1)	9	5900	6200	1.0	181	82	0.4	14.1	8
TDIS-65D	6.35(1/4")	M8-M10	23-38(16.9-28)	9	4500	4800	1.08	192	82	0.43	15.2	8
TDIS-70D	6.35(1/4")	M10	29-47(21.4-34.6)	9	6900	7200	1.35	197	82	0.45	15.9	8
TDIS-70DX	6.35(1/4")	M8-M10	26-44(19.1-32.4)	9	5200	5400	1.08	192	82	0.43	15.2	8

Air Inlet : TDI(S)-30~150 : 1/4" TDI(S)-180 : 3/8"

Recommended Air Pressure : 70~85 PSI(5kg/cm²~6kg/cm²) / 0.5MPa~0.6MPa

Air Hose Size : 10mm×6.5mm×5m for TDI(S)-30~50 12mm×8mm×5m for TDI(S)-60~100 16mm×11mm×5m for TDI(S)-130~180

Air Impulse Tools

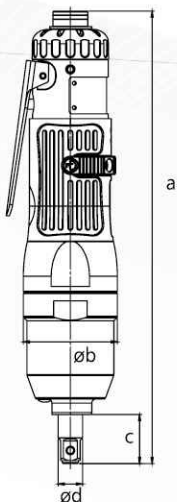
TDI-70S, 80S, 80SH
TDS-70S, 80S, 80SH

TDI-60S
TDS-60S

TDI-50S
TDS-50

TDI-40S
TDS-40S

TDI-30S
TDS-30S



Dimensions

Model No.	a (mm)	b (mm)	c (mm)	d (mm)
TDI(S)-30S	221	ø46	24	ø12
TDI(S)-40S	221	ø46	24	ø12
TDI(S)-50S	221	ø46	24	ø12
TDI(S)-60S	231	ø46	24	ø12
TDI(S)-70S	244	ø48	25	ø12
TDI(S)-80S	248	ø48	25	ø12
TDI(S)-80SH	251	ø48	31	ø16

Non shut-off

Model No.	Drive Size	Bolt Capacity	Torque Range 5-6kg/cm ²	Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(inch)	mm	Nm (ft-lb)	5kg/cm ²	6kg/cm ²	kg	mm	dB(A)	m ³ /min	ft ³ /min	mm
TDI-30S	9.5(3/8")	M6	6.5-13(4.8-9.6)	3900	4200	0.8	221	78	0.25	8.8	6.5
TDI-40S	9.5(3/8")	M6-M8	10-19(7.4-14)	3900	4200	0.8	221	78	0.25	8.8	6.5
TDI-50S	9.5(3/8")	M8	14-28(10.4-20.7)	6500	6800	0.8	221	80	0.35	12.3	6.5
TDI-60S	9.5(3/8")	M8-M10	20-35(14.7-25.8)	5700	6000	0.86	231	80	0.4	14.1	8
TDI-70S	9.5(3/8")	M10	28-47(20.6-34.6)	4700	5000	0.97	244	80	0.4	14.1	8
TDI-80S	9.5(3/8")	M10-M12	40-70(29.5-51.5)	5800	6100	1.15	248	82	0.5	17.6	8
TDI-80SH	12.7(1/2")	M10-M12	40-70(29.5-51.5)	5800	6100	1.21	251	82	0.5	17.6	8

Shut-off

Model No.	Drive Size	Bolt Capacity	Torque Range 5-6kg/cm ²	Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(inch)	mm	Nm (ft-lb)	5kg/cm ²	6kg/cm ²	kg	mm	dB(A)	m ³ /min	ft ³ /min	mm
TDS-30S	9.5(3/8")	M6	6.5-13(4.8-9.6)	3900	4200	0.8	221	78	0.25	8.8	6.5
TDS-40S	9.5(3/8")	M6-M8	10-19(7.4-14)	3900	4200	0.8	221	78	0.25	8.8	6.5
TDS-50S	9.5(3/8")	M8	14-28(10.4-20.7)	6500	6800	0.8	221	80	0.35	12.3	6.5
TDS-60S	9.5(3/8")	M8-M10	20-35(14.7-25.8)	5700	6000	0.86	231	80	0.4	14.1	8
TDS-70S	9.5(3/8")	M10	28-47(20.6-34.6)	4700	5000	0.97	244	80	0.4	14.1	8
TDS-80S	9.5(3/8")	M10-M12	40-70(29.5-51.5)	5800	6100	1.15	248	82	0.5	17.6	8
TDS-80SH	12.7(1/2")	M10-M12	40-70(29.5-51.5)	5800	6100	1.21	251	82	0.5	17.6	8

Air Inlet : TDI(S)-30~150 : 1/4" TDI(S)-180 : 3/8"

Recommended Air Pressure : 70~85 PSI (5kg/cm²~6kg/cm²) / 0.5MPa~0.6MPa

Air Hose Size : 10mm×6.5mm×5m for TDI(S)-30~50 12mm×8mm×5m for TDI(S)-60~100 16mm×11mm×5m for TDI(S)-130~180

TDI-70SD
TDIS-70SD



TDI-60SD
TDIS-60SD



Dimensions

Model No.	a (mm)	b (mm)	c (mm)	d (mm)
TDI(S)-30SD	219	ø46	21	ø17.5
TDI(S)-40SD	224	ø46	27	ø17.5
TDI(S)-50SD	224	ø46	27	ø17.5
TDI(S)-60SD	235	ø46	27	ø17.5
TDI(S)-70SD	247	ø48	28	ø19

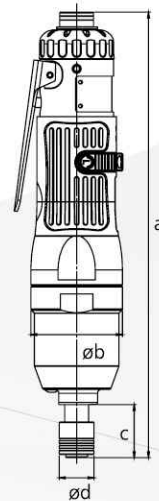
TDI-50SD
TDIS-50SD



TDI-30SD
TDIS-30SD



TDI-40SD
TDIS-40SD



■ Non shut-off

Model No.	Hex Size	Bolt Capacity	Torque Range 5-6kg/cm ²	Bit Shank	Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(inch)	mm	Nm (ft-lb)	mm	5kg/cm ²	6kg/cm ²	kg	mm	dB(A)	m ³ /min	ft ³ /min	mm
TDI-30SD	6.35(1/4")	M6	5.5-12(4.1-8.9)	9	3900	4200	0.77	219	78	0.25	8.8	6.5
TDI-40SD	6.35(1/4")	M6-M8	9-17(6.6-12.5)	9	3900	4200	0.8	224	78	0.25	8.8	6.5
TDI-50SD	6.35(1/4")	M8	13-26(9.6-19.2)	9	6500	6800	0.8	224	80	0.35	12.3	6.5
TDI-60SD	6.35(1/4")	M8	18-30(13.3-22.1)	9	5700	6000	0.86	235	80	0.4	14.1	8
TDI-70SD	6.35(1/4")	M8-M10	25-40(18.4-29.4)	9	4700	5000	0.97	247	80	0.4	14.1	8

■ Shut-off

Model No.	Hex Size	Bolt Capacity	Torque Range 5-6kg/cm ²	Bit Shank	Free Speed		Weight	Length	Noise Level	Average Air Consumption		Hose Size
	mm(inch)	mm	Nm (ft-lb)	mm	5kg/cm ²	6kg/cm ²	kg	mm	dB(A)	m ³ /min	ft ³ /min	mm
TDIS-30SD	6.35(1/4")	M6	5.5-12(4.1-8.9)	9	3900	4200	0.77	219	78	0.25	8.8	6.5
TDIS-40SD	6.35(1/4")	M6-M8	9-17(6.6-12.5)	9	3900	4200	0.8	224	78	0.25	8.8	6.5
TDIS-50SD	6.35(1/4")	M8	13-26(9.6-19.2)	9	6500	6800	0.8	224	80	0.35	12.3	6.5
TDIS-60SD	6.35(1/4")	M8	18-30(13.3-22.1)	9	5700	6000	0.86	235	80	0.4	14.1	8
TDIS-70SD	6.35(1/4")	M8-M10	25-40(18.4-29.4)	9	4700	5000	0.97	247	80	0.4	14.1	8

Air Inlet : TDI(S)-30~150 : 1/4" TDI(S)-180 : 3/8"

Recommended Air Pressure : 70~85 PSI (5kg/cm²~6kg/cm²) / 0.5MPa~0.6MPa

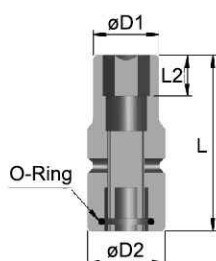
Air Hose Size : 10mm×6.5mm×5m for TDI(S)-30~50 12mm×8mm×5m for TDI(S)-60~100 16mm×11mm×5m for TDI(S)-130~180

Sleeve Drive Power Sockets & Impulse oil



Benefits of Sleeve Drive Impact Sockets:

- Maximize tool performance, to reduce torque loss during pulsing stage.
- Increase productivity, to reduce time loss during pulsing stage.
- Ensure worker safety, virtually no vibration to operators.
- Increase socket life, to reduce wear on sockets.
- Increase tool life, to reduce vibration means minimal wear on your tool.



3/8" Sleeve Drive Power Sockets

Part No.	Size	D2 mm	D1 mm	L2 mm	L mm
SS39006	6mm	19	11	5	43
SS39007	7mm	19	12	5	43
SS39008	8mm	19	13	7	43
SS39009	9mm	19	15	7	43
SS39010	10mm	19	16	7	43
SS39011	11mm	19	17.5	8	43
SS39012	12mm	19	18.5	9	43
SS39013	13mm	22	20	9	43
SS39014	14mm	22	21	9	43
SS39015	15mm	22	22	12	43
SS39016	16mm	22	24	12	43
SS39017	17mm	22	25	12	43
SS39018	18mm	22	26	12	43
SS39019	19mm	22	27	12	43
SS39020	20mm	22	28	13	43
SS39021	21mm	22	30	13	43
SS39022	22mm	23	31	14	50
SS39023	23mm	23	32	14	50
SS39024	24mm	23	34	15	50
SS39025	25mm	23	35	15	50
SS39026	26mm	23	36	15	50
SS39027	27mm	23	38	15	50

Impulse oil (100ml)

Use only the authorized impulse oil with the tools. The authorized oil is made by an unique and special formulation. Any unauthorized oil will damage or degrade the performance of the tools. We recommended to change the oil after every 250,000 pulse-seconds. Please conatch your local Du-Pas distributor for purchase.

1/2" Sleeve Drive Power Sockets

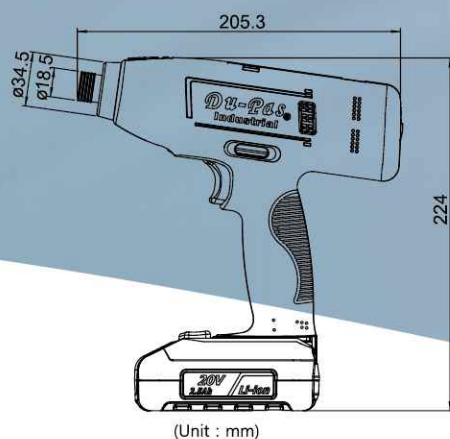
Part No.	Size	D2 mm	D1 mm	L2 mm	L mm
SS49006	6mm	25	13	6	52
SS49007	7mm	25	14	7	52
SS49008	8mm	25	15	9	52
SS49009	9mm	25	16	12	52
SS49010	10mm	25	17.5	12	52
SS49011	11mm	25	18.5	12	52
SS49012	12mm	25	20	12	52
SS49013	13mm	25	21	12	52
SS49014	14mm	25	22.5	12	52
SS49015	15mm	30	23.5	12	52
SS49016	16mm	30	25	12	52
SS49017	17mm	30	26	13	52
SS49018	18mm	30	27.5	13	52
SS49019	19mm	30	28.5	13	52
SS49020	20mm	30	30	14	52
SS49021	21mm	30	31	14	52
SS49022	22mm	30	32	14	52
SS49023	23mm	30	34	14	52
SS49024	24mm	30	35	15	52
SS49025	25mm	30	36	15	57
SS49026	26mm	30	38	17	57
SS49027	27mm	30	38.5	17	57
SS49028	28mm	30	40	17	57
SS49029	29mm	30	41	18	57
SS49030	30mm	30	42	18	57
SS49031	31mm	30	43	18	57
SS49032	32mm	30	44	20	62
SS49033	33mm	30	46	20	62
SS49034	34mm	30	48	21	62
SS49035	35mm	30	50	21	62
SS49036	36mm	30	52	22	62
SS49038	38mm	38	54	23	65

20V Cordless Shut-Off Tools

Industrial Power Tools

SCEP series

Brushless Motor



LED light for working in dark area.

Trigger repeat protection avoids double hits on already seated screw.

Easy attached sliding battery system.

Li-ion Battery Pack delivers longer run-time.



Battery capacity indicator provides clear visual information of Battery status for users.

Mini USB Connector

Tool speed can be adjusted by Du-Pas programmer.

LED indicator provides simple process information to the operator.



-  Blue light indicates that the tool is in reverse operation.
-  Green light indicates that the preset torque is reached and tightening is completed.
-  Red light with a long beep sound indicates that the tightening was failed.
-  Yellow light with a beep sound indicates that the battery is dead. Must change the battery pack immediately.
-  Yellow Flashing light with five short beep sounds indicates low battery.

Specifications

Model	Drive Size	Volt.	Screw Size	Torque Range(Nm)		Free Speed	Weight w/o battery	Vibration Value	Noise Level	Battery Capacity
	inch	V	mm	Hard Joint	Soft joint	rpm	kg	m/s ²	db(A)	
SCEP-03H2	1/4" Hex	20	M3 - M4	0.8 - 3	0.8 - 3	200 - 500	1.0	< 2.5	< 75	2.5Ah
SCEP-03H2-H1	1/4" Hex	20	M3 - M4	0.8 - 3	0.8 - 3	500 - 1550	1.0	< 2.5	< 75	2.5Ah
SCEP-06H2	1/4" Hex	20	M3 - M5	1.5 - 6	1.5 - 6	300 - 1000	1.0	< 2.5	< 75	2.5Ah
SCEP-09H2	1/4" Hex	20	M3 - M5	2 - 9	2 - 9	300 - 800	1.0	< 2.5	< 75	2.5Ah
SCEP-12H2	1/4" Hex	20	M4 - M6	2.5 - 12	2.5 - 12	250 - 800	1.0	< 2.5	< 75	2.5Ah

Adjustment screwdriver is included as a standard accessory.

Cordless Shut-Off Angle Type Tools

WRTBA Series

Brushless Motor



Mini USB Connector :
Tool speed can be adjusted
by the extra programmer.

LED indicator provides simple
process information to the operator.

High capacity Li-ion battery
pack delivers longer run-time.

Ergonomical handle
design provides good balance.

User can distinguish
the torque at a glance
of color.

The angled head
allowing multiple head positions.

LED light for
working in dark area.

Press button for easy
forward / reverse operation.

Trigger repeat protection
avoids double hits on
already seated screws.

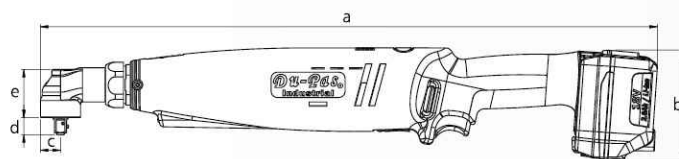
Blue light
indicates that the tool is in reverse operation.

Green light
indicates the preset torque is reached
and the tightening is OK.

Red light with a long beep sound
indicates that the preset torque is not reached.

Yellow flashing with five short "beep" sounds
indicates low battery.

Yellow light with a long "beep" sounds
indicates that the battery is dead.
Must change the battery immediately.



Dimensions

Model No.	a (mm)	b(mm)	c (mm)	d (mm)	e (mm)
WRTBA-10(16)	483	87	16	20	39
WRTBA-10(16)S2	483	87	16	9	39
WRTBA-10(16)S3	483	87	16	12	39
WRTBA-30(35)S3	488	87	16	13.5	38

Specifications

Model	Volt.	Drive Size	Screw Size	Weight w/o battery		Vibration Value	Noise Level	Free Speed	Torque Range(Nm)	
	V	inch	mm	kg	lb	m/s ²	dB(A)	rpm	Hard Joint	Soft joint
WRTBA-10		1/4" Hex								
WRTBA-10S2	20	1/4" Sq	M4~M5	1.5	3.3	<2.5	<75	400-1000	3-12	3-10
WRTBA-10S3		3/8" Sq								
WRTBA-16		1/4" Hex								
WRTBA-16S2	20	1/4" Sq	M5~M6	1.5	3.3	<2.5	<75	300-600	5-18	5-16
WRTBA-16S3		3/8" Sq								
WRTBA-30S3	20	3/8" Sq	M6~M8	1.5	3.3	<2.5	<75	250-450	8-30	8-22
WRTBA-35S3	20	3/8" Sq	M6~M8	1.6	3.52	<2.5	<75	200-350	10-35	10-30

Adjustment screwdriver is included as a standard accessory.

Programmer

For all Du-Pas Cordless Tools

Model No. : B74SC180B



Easy to set the tool speed.

1. High speed for metallic assemblies.
2. Medium speed for plastic assemblies.
3. Low speed for special assemblies.

Total user time display function.



Total operation count display function.



Trip operation count display function.



To find out more functions of the Programmer, please read the manual for more information.

Accessories

For Du-Pas cordless tools

Li-ion Battery Packs



BB200D-325



BB200D-350

Part No.	Description	Size (L x W x H)	Charging Time	Weight
BB200D-325	20V 2.5Ah	117×77×47 mm	60 min.	0.40 kg (0.88 lb)
BB200D-350	20V 5.0Ah	117×77×67 mm	120 min.	0.67 kg (1.48 lb)

Charger



B84192B



E86B-UL

Part No.	Description	Weight
B84192B	Input : 100-240 VAC Output : 18-20 VDC	0.54 kg (1.19 lb)
E86B-UL	Power cord for USA	62 g (0.13 lb)
E86B-VD	Power cord for EU	79 g (0.17 lb)

Tool Covers



C16WRB
(For WRTBA series)



33116-SCEP-01
(For SCEP series)

Battery Pack Covers



33116-B200D-01
(For Battery Pack BB200D-325)



33116-B200D-02
(For Battery Pack BB200D-350)

Suspension Bails (to be used with a balancer)



» Part No. D39SC180B-1
(For SCEP series)



» Part No. 33257-WRBA-01
(For WRTBA series)

Adjustment Screwdriver (For all series)



» Part No. D57SC108B-1
(For ALL series)

Spanner (For WRTBA series)



» Part No. 33257-WRAA-01B
(For WRTBA series)

Chucks

Size	Part No.
6mm (1/4")	TDA-DLR-001
10mm (3/8")	TDA-DLR-002
13mm (1/2")	TDA-DLR-003



Size	Part No.
6mm (1/4")	TDA-DLJ-001
10mm (3/8")	TDA-DLJ-002
13mm (1/2")	TDA-DLJ-003

Side Handles

B40S-206B
B40S-206C

C30S-206



Part No.	C30S-206	B40S-206B	B40S-206C
Size	ø36	ø38	ø39.2
Apply to	TDA-DL04(S) Series (for tools under 1000 rpm)	TDA-DL04-M Series TDA-DL04-A Series (for tools under 1000 rpm)	TDA-DL04-H Series TDA-DL04-G Series TDA-DL07 Series TDA-DL07-H Series TDA-DL07-G Series (04 Series :for tools under 1000 rpm) (07 Series :for tools under 1300 rpm)

Collets for Air Drills

Collet for Standard Angle Heads



Capacity : $\varnothing 1.6 \text{ mm} \sim \varnothing 6.4 \text{ mm}$
Total 25 capacities

Complete Part Number to order :

C-xxx (Part No.)

Example: To order the collet $\varnothing 1.6$,
the complete part number is C-001.

Collet Capacity	Part No.
$\varnothing 1.6 (1/16")$	001
$\varnothing 1.8$	002
$\varnothing 2.0 (5/64")$	003
$\varnothing 2.2$	004
$\varnothing 2.4$	005
$\varnothing 2.6$	006
$\varnothing 2.8 (7/64")$	007
$\varnothing 3.0$	008
$\varnothing 3.2 (1/8")$	009
$\varnothing 3.4$	010
$\varnothing 3.6 (9/64")$	011
$\varnothing 3.8$	012
$\varnothing 4.0 (5/32")$	013
$\varnothing 4.2$	014
$\varnothing 4.4 (11/64")$	015
$\varnothing 4.6$	016
$\varnothing 4.8 (3/16")$	017
$\varnothing 5.0$	018
$\varnothing 5.2 (13/64")$	019
$\varnothing 5.4$	020
$\varnothing 5.6 (7/32")$	021
$\varnothing 5.8$	022
$\varnothing 6.0 (15/64")$	023
$\varnothing 6.2$	024
$\varnothing 6.4 (1/4")$	025

Collet for Compact Angle Heads



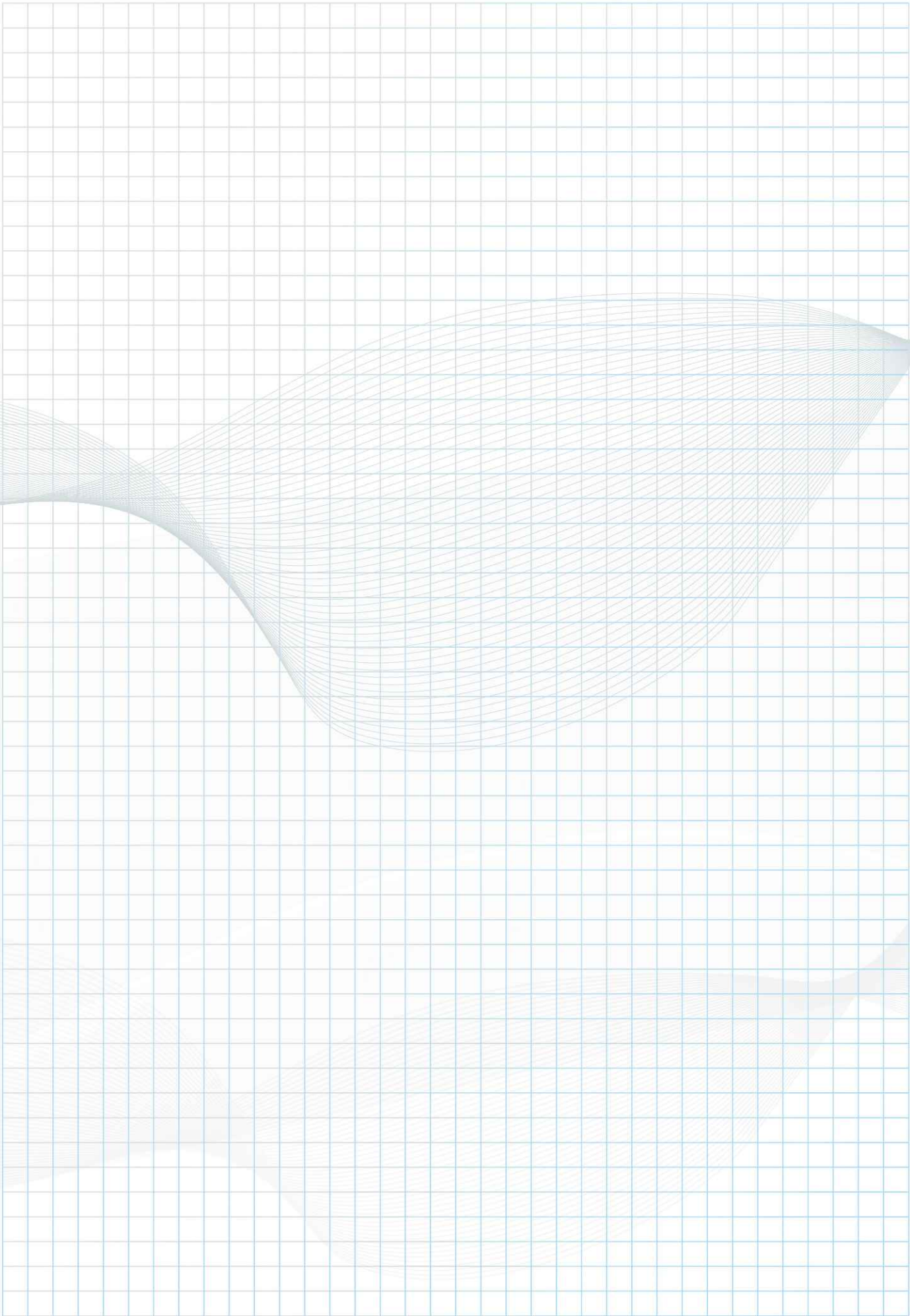
Capacity: $\varnothing 0.8 \text{ mm} \sim \varnothing 5.0 \text{ mm}$
Total 43 capacities
Capacity: $\varnothing 1/16" \sim \varnothing 3/16"$
Total 6 capacities

Complete Part Number to order :

S-xxx (Part No.)

Example: To order the collet $\varnothing 0.8$,
the complete part number is S-001.

Collet Capacity	Part No.
$\varnothing 0.8$	001
$\varnothing 0.9$	002
$\varnothing 1.0$	003
$\varnothing 1.1$	004
$\varnothing 1.2$	005
$\varnothing 1.3$	006
$\varnothing 1.4$	007
$\varnothing 1.5$	008
$\varnothing 1.6$	009
$\varnothing 1.7$	010
$\varnothing 1.8$	011
$\varnothing 1.9$	012
$\varnothing 2.0$	013
$\varnothing 2.1$	014
$\varnothing 2.2$	015
$\varnothing 2.3$	016
$\varnothing 2.4$	017
$\varnothing 2.5$	018
$\varnothing 2.6$	019
$\varnothing 2.7$	020
$\varnothing 2.8$	021
$\varnothing 2.9$	022
$\varnothing 3.0$	023
$\varnothing 3.1$	024
$\varnothing 3.2$	025
$\varnothing 3.3$	026
$\varnothing 3.4$	027
$\varnothing 3.5$	028
$\varnothing 3.6$	029
$\varnothing 3.7$	030
$\varnothing 3.8$	031
$\varnothing 3.9$	032
$\varnothing 4.0$	033
$\varnothing 4.1$	034
$\varnothing 4.2$	035
$\varnothing 4.3$	036
$\varnothing 4.4$	037
$\varnothing 4.5$	038
$\varnothing 4.6$	039
$\varnothing 4.7$	040
$\varnothing 4.8$	041
$\varnothing 4.9$	042
$\varnothing 5.0$	043
$\varnothing 1/16"$	044
$\varnothing 3/32"$	045
$\varnothing 1/8"$	046
$\varnothing 5/32"$	047
$\varnothing 11/64"$	048
$\varnothing 3/16"$	049





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