



Industrial^{Tools}



More Than Productivity



www.desouttertools.com



EASY TO FIND
QUICK TO GET



Product brochures, exploded views, certificates of conformity,
CAD files...

Find all the Technical documentation that you need!

GET TO KNOW DESOUTTER INDUSTRIAL TOOLS
from another perspective and stay in touch with us!

LinkedIn YouTube

G+ Instagram Twitter Facebook Line youku 优酷 WeChat kakao



iOS | ANDROID
available now!



Table of Contents

DESOUTTER PRESENTATION	2		
SELECTION GUIDE - ASSEMBLY TOOLS	13	SELECTION GUIDE - DRILLING AND RIVETING	179
 BATTERY ASSEMBLY TOOLS	14	 AUTOMATIC DRILLING UNIT	180
E-LIT Series - Clutch type	15	PNEUMATIC DRILLS AND TAPPERS	184
B-FLEX Series - Transducerized	20	COMPRESSION TOOLS AND PNEUMATIC RIVETING	200
 ELECTRIC ASSEMBLY SYSTEMS	25	Drills and Tappers	184
CVI3 Controllers	27	Multi drills	185
ERP, EAD, EID - Nutrunners	32	Angle drills	188
EPBcom, EABcom - Battery nutrunners	36	Pistol drills	191
EFDE, EFDS, EFDA - Fixtured spindles	40	Straight drills	194
CVI3 Suite - Software	48	Controlled drilling	195
Advanced Process control		Tappers, deburring tool and rivet shaving	196
PivotWare	50	Rack feed drills	196
CVIR II Controllers	54	Compression tools	200
ERP - High torque nutrunners	55	Riveting hammers	205
ERS - Screwdriver	57	SELECTION GUIDE - REMOVAL TOOLS	209
CVIXS - Controller	58	 PNEUMATIC GRINDERS / SANDERS	210
Nano Driver - Low torque screwdrivers	59	Grinders for carbide burrs, mounted points and sanding discs	211
CVIL II Controllers	60	Routers	218
E-PULSE - Electric pulse nutrunners	61	Grinders for type 1 wheels, cone wheels, depressed center wheels	220
ERP, ERAL, ERDL - Nutrunners	62	Sanders for expandables wheels, flap wheels and abrasive discs	236
MultiCVIL II Controllers	63	Dust extraction systems for grinders and sanders	246
EME, EMEL - Fixtured spindles	65	Random orbital sanders, Polishers and Orbital sanders	254
CVI PC2000 - Software	67	Belt sanders	266
CVIC II Controllers	69	 AUTO FEED DRILLS AND TAPPERS	268
ECS - Screwdrivers	74	AIR MOTORS	270
ECP, ECA, ECD - Nutrunners	75	 MISCELLANEOUS TOOLS	272
ECSF, MC - Fixtured spindles	80	Saws, Vacuum pen, Vacuum cleaner, Air scribe	273
Posco 500 & Vision - Positionning system	82	 TOOL ACCESSORIES	152
 ELECTRIC SCREWDRIVERS	86	Reaction arms	153
ESP1 / ESP2 Controllers	87	Telescopic reaction arms	164
SLBN - Screwdrivers	88	Torque tubes	169
ESP C Controllers	90	Balancing arms	172
SLC - Screwdrivers	91	Balancers	174
 PNEUMATIC FASTENING TOOLS	94	Tool holsters	176
Shut off - Straight and pistol screwdrivers	102	Automatic screw dispenser	177
Shut off and non shut Off - Angle head screwdrivers	106	 AIR LINE ACCESSORIES	274
Non shut off - Straight and pistol screwdrivers	108	Hoses	276
Direct drive - Angle head screwdrivers	111	Air flex	277
Direct and automatic reverse screwdrivers	112	SAFETY INSTRUCTIONS	300
Shut off - Crowfoot and tube nutrunners	114	SOUND / VIBRATIONS LEVELS	302
Shut off - Torque controlled	115	INDEX (Search tool by model) - RIGHTWAY	
PTF, PT - Pulses	120		
 TORQUE MEASUREMENT SYSTEMS	124		
Data Analyzer - Delta	125		
DWTA, Delta - Digital wrenches - Torque and angle	126		
Alpha - Low torque analyzer	134		
DRT, DST - Digital rotary and static transducers	136		
Delta Cart - Calibration	139		
Delta QC - Software	141		
 CUSTOMIZED SOLUTIONS	142		
Specific nutrunners & spindles / Multiplus	143		
Arms and torque tubes	146		
Special solutions	148		
Screwfeeder solutions	150		

Unless specified all inlet threads are BSP or NPT dependent of market

100

Desoutter 

YEARS OF INNOVATION



In Desoutter's earliest days one hundred years ago, who would have imagined that it would become today's global leader in its sector? How many industrial companies can claim, like Desoutter, to have weathered the years with such success, never forgetting the values that have formed the foundation of their prosperity?

This one century of existence would not have been possible without that drive for innovation that characterises our company, without that perpetual determination to evolve along with the changing world around us, always acting with vision to anticipate the needs of tomorrow.

This longevity is also the fruit of dedicated devotion on the part of all those employees who have shared their ideas, their skills and their technological expertise in order to turn that thrust for innovation into reality and to give it meaning.

But this history is also - and primarily - that of our customers and partners who remain the sole reason for our existence. It is for them and alongside them that we strive for perfection day after day, and our intention has been to pay tribute to them in the name of this shared success by compiling some of their testimonials in this book.

Together we have written the beginning of a great story. And together we will continue to move forward, to look to the future with the same ambition: always to offer "more than productivity".



Philippe Artzet,
President

Foundation
of Desoutter



First Duralumin
artificial limbs
are created

1914



1918
Foundation of
Georges Renault



GEORGES RENAULT

Spare parts for portable
pneumatic tools are
manufactured



1930

First flight of the Desoutter Mk. I



1960
Patents approved for
torque controlled
angle wrench



1977
Scan Rotor is founded
SCANROTOR





Order book P.N. 615 993 957 0

Find more on what customers tell about their Desoutter's customer experience in the **Desoutter's anniversary book!**



1990

First models of
Georges Renault
transducerized tools:
SE hand held tools
with the Case 40
controllers

Early 1990
First models of
Tech-motive
transducerized tools:
the 37-Series
with the CS40
controller
tech-motive tool



1998
CVIS
controller
series

2005
Creation
of Seti-Tec Line



Advanced Drilling Units



2012
E-Pulse low torque
reaction Electric
tool



2015 • 2017
EPB Wireless
transducerized
battery tool



More Than Productivity



Desoutter is your single source of electric and pneumatic tool solutions,

covering a wide range of assembly and manufacturing processes in the motor vehicle, aerospace, general industry and light assembly sectors

Desoutter has a long history of producing high-quality industrial tools. Today, the scope of the activity combines a global offering with a widespread local presence

The reason behind this approach is simple: our customers, who include many of the world's largest and most successful manufacturers, want worldwide access to a global portfolio of assembly and manufacturing solutions

With Desoutter, we provide you more than productivity



FOCUSED ON YOUR OBJECTIVES...

Industry hates risk. And so do we.
So we work with you to eliminate cost, quality and performance risks from your production lines.

Optimize your investments

Your production lines are some of your company's most important investments. The quality and performance of Desoutter industrial tool solutions enable you to optimize your return on investments by producing more in the same cycle time. Our airline systems, for instance, keep our pneumatic nutrunners spinning at exactly the right speed and power, saving you precious seconds for each operation.

Raise productivity

Good ergonomics makes good economic sense. Not only are Desoutter tools designed to reduce operator stress factors, such as vibration and noise, they also take into account the relationship between the operator, the tool and the process. Our experts work with you to obtain long-term gains in productivity and safety, while improving cost, quality and cycle times.



GLOBAL SOLUTIONS YOU CAN BUILD ON...

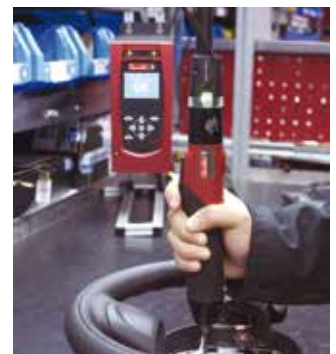
We know that finding the best solution is about much more than just picking a new tool. That is why we start every project by opening our ears, not our catalog.

Process optimization

Producing high-quality products requires high-quality processes. That is why many of the world's major motor vehicle, aerospace and appliance manufacturers rely on Desoutter. Each Desoutter solution is tailored to your exact needs. Our experts propose solutions that deliver a quantifiable return on investment, whether in terms of productivity improvements, quality gains or safety improvements.

Worldwide coverage

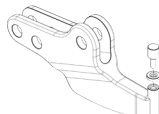
Desoutter combines global reach with local expertise. To ensure the smooth running of Desoutter solutions in your factories, all our local teams are trained to the same high level of expertise and service. Each team is in direct contact with the Desoutter area application and customer care center for your region. Together they ensure that solutions are implemented to worldwide standards, but in compliance with local criteria.



Drilling and Riveting



Drilling and Riveting - Selection Guide

TOOL TYPE	ACCESSORIES	PAGE
ADVANCED DRILLING UNIT 		180-183
MULTI DRILLS 		184-187
ANGLE DRILLS - Compact 30°, 45°, 90° & 360° Angle Head 		188
ANGLE DRILLS - Standard 45°, 90° & 360° Angle Head - Heavy Duty 90° Angle Head 		189-190
PISTOL GRIP DRILLS 		191-193
STRAIGHT GRIP DRILLS 		194
TAPPERS 		196
SPECIALITY TOOLS - Rivet Shaver & Rack - Rack Feed Drills 		197-199
RIVETING COMPRESSION TOOLS 		200-204
RIVETING HAMMERS 		205

Automatic Drilling Unit

1 STEP OPERATION - DRILLING – REAMING - COUNTERSINKING



Part of Desoutter product portfolio, **Seti-Tec line** offers best-in class performance, quality and reliability for the most demanding drilling applications worldwide.

Seti-Tec solutions have already been adopted by all major Aircraft manufacturers worldwide

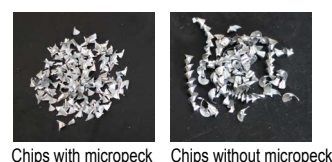
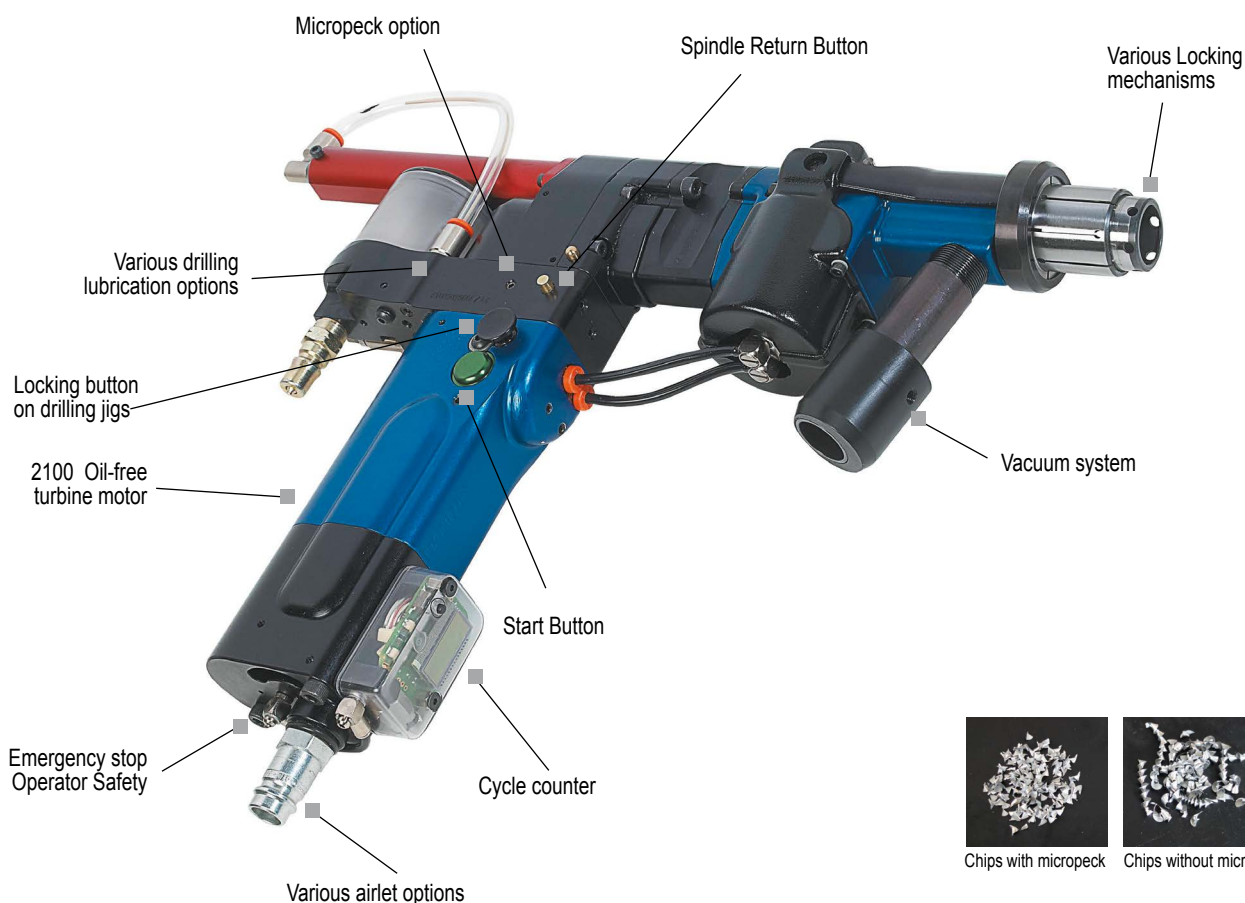
This concept is dedicated to highly demanding drilling, reaming, countersinking applications, where quality, precision and repeatability are critical.

Its innovative design make one step drilling, reaming, countersinking possible, and will help driving down your cycle time.

Its design based on modularity concept and the wide variety of clamping options will answer most of your applications.

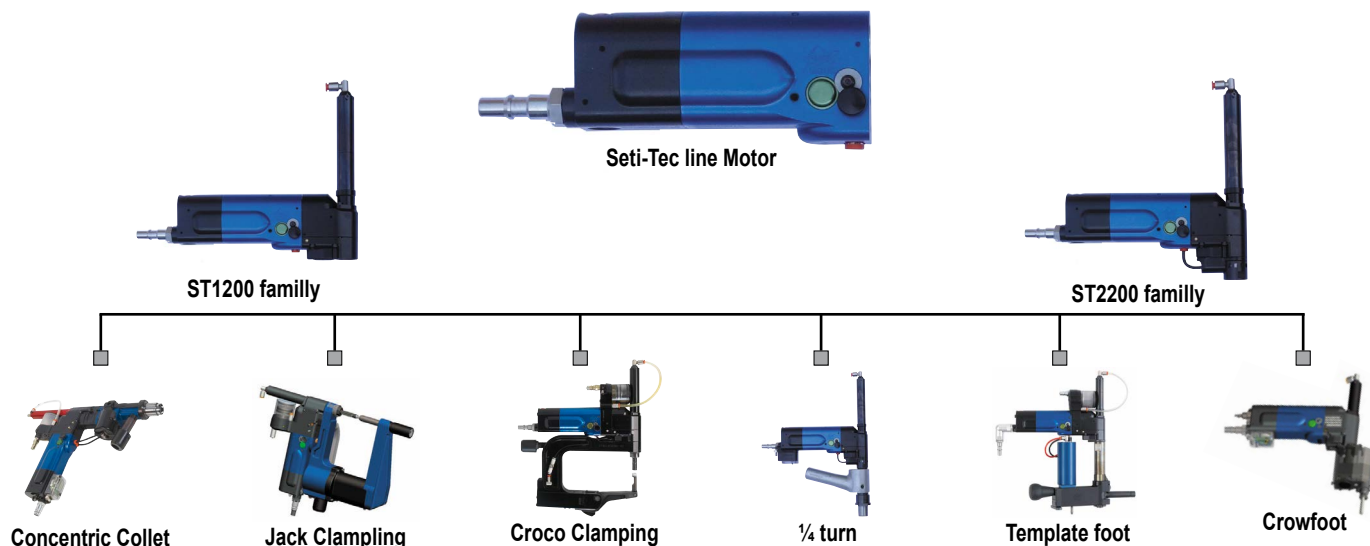
In addition to the current ST1200 and ST220 pneumatic range, the Electric Drilling Unit range éVo is raising the drilling performance to a new standard.

1 STEP OPERATION	PRODUCTIVITY
DRILLING REAMING	QUALITY
COUNTERSINKING	SAFETY



Chips with micropeck Chips without micropeck

MODULAR CONCEPT



TECHNICAL INFORMATION

Type: Automatic positive feed drill
Drill and countersink, precision depth 0.02mm

	ST1200	ST2200
Power:	2.8 HP, with torque limiter at lower speed	
Weight:	1.5 kg (3.3lb)	4.2 kg (9.2lb)
Stroke:	Unlimited	Unlimited
Feed rate:	0.02 mm/rotation 0.04 mm/rotation 0.06 mm/rotation 0.08 mm/rotation 0.10 mm/rotation 0.12 mm/rotation 0.15 mm/rotation	0.04 mm/rotation 0.06 mm/rotation 0.10 mm/rotation 0.12 mm/rotation 0.14 mm/rotation 0.18 mm/rotation 0.20 mm/rotation

Upper feed rates possible to adapt.

Rotation speed:	240 rpm 500 rpm 1000 rpm 1700 rpm 2400 rpm 3000 rpm 4600 rpm 6500 rpm 8100 rpm 14000 rpm	159 rpm 250 rpm 300 rpm 540 rpm 700 rpm 800 rpm 900 rpm 1200 rpm 2600 rpm 3000 rpm
------------------------	---	---

Available an right angle, inline and inline + handle

HOLE DIAMETER	ALUMINIUM COMPOSITE	TITANIUM HARD METAL	ALUMINIUM COMPOSITE	TITANIUM
	Straight hole		Countersink hole	
<4,8mm - 3/16"	ST 1200	ST 1200	ST 1200	ST 1200
<6,35mm - 1/4"				
<7,9mm - 5/16"				
<9,5mm - 3/8"				
<11,1mm - 7/16"				
<12,7mm - 1/2"				
<14,3mm - 9/16"				
<15,9mm - 5/8"	ST 2200	ST 2200	ST 2200	ST 2200
<19,5mm - 3/4"				
<22,2mm - 7/8"				
<25,4mm - 1"				
Over 25,4mm - 1"				

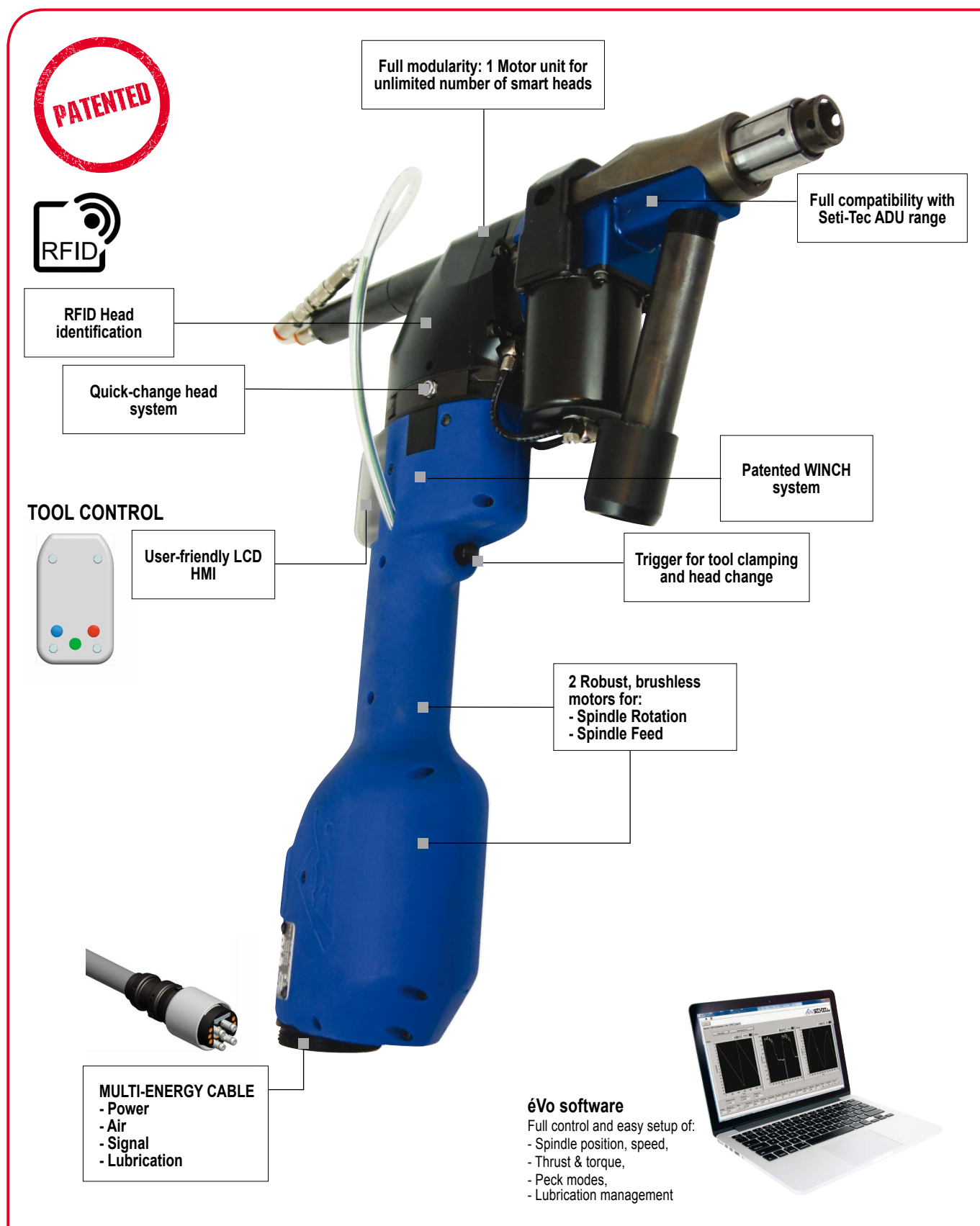
	CONCENTRIC COLLET	BAYONET 1/4 TURN	CROCO CLAMP	JACK CLAMP	TEMPLATE FOOT	CROWFOOT
Thick jig	ST1200 ST2200					
Thick jig with rail or screws		ST1200 ST2200				ST1200 ST2200
Thick jig			ST1200	ST1200	ST1200	
No jig (pre-hole)			ST1200	ST1200	ST1200	



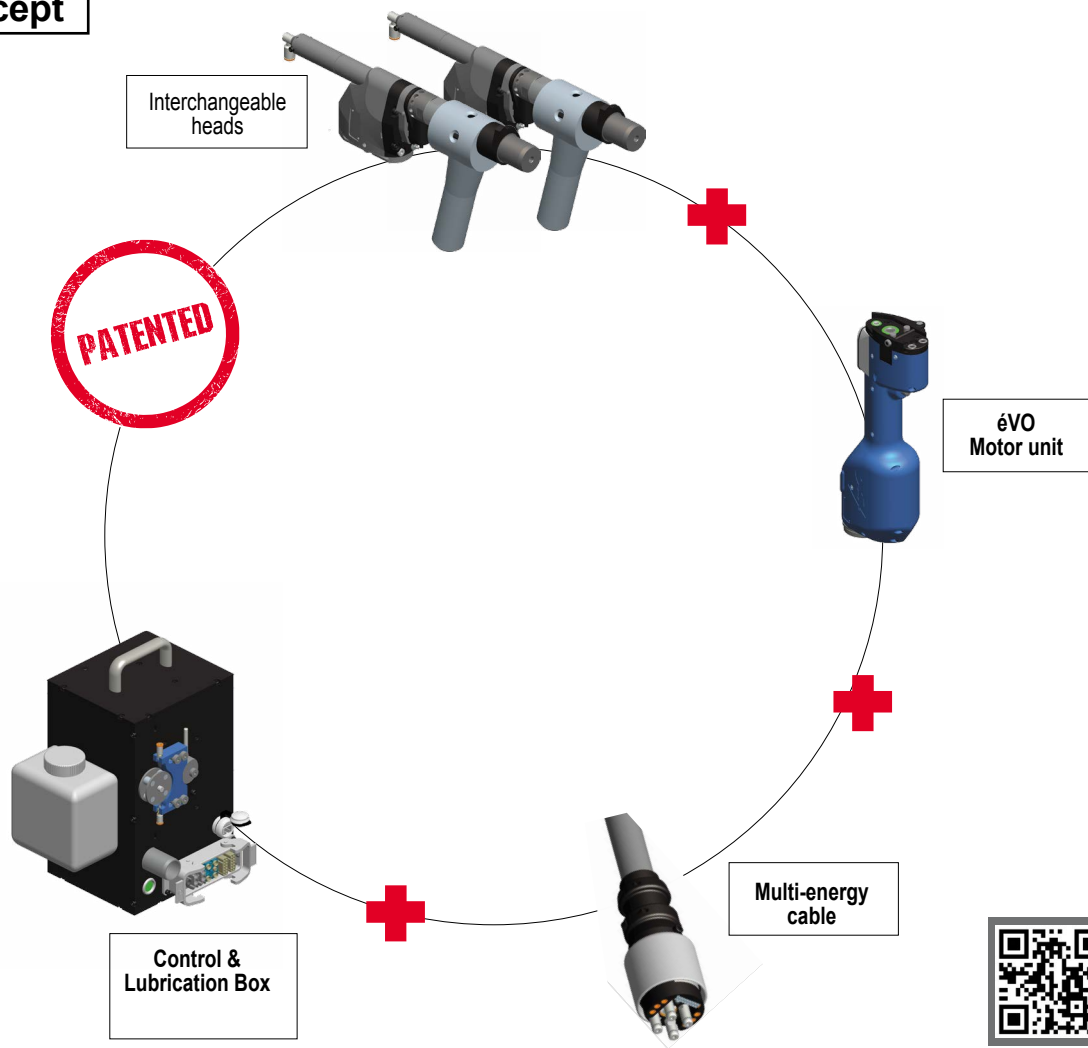
Special right angle

Any specific requirement can be handled by Seti-Tec line design team. Contact your Desoutter representative for assistance

Seti-Tec latest innovation will raise your drilling performance and quality to an unprecedented level. Cycle time reduction, quality control, full control over drilling parameters in a compact, user-friendly system.



éVo Concept



KEY POINTS



PRODUCTION OPTIMIZATION

CYCLE TIME REDUCTION

Feed rate and rotation adaptation based on real time material detection
Smart Lubrication → reduced Cleaning time

FLEXIBLE Line management

1 Motor unit = unlimited number of heads
Easy setting & change of drilling cycle parameters via dedicated software



QUALITY CONTROL

Real time drilling monitoring for detection of broken tools

Automatic detection of exit point
Real-time lubrication management
Ability for peck programming
Detection of multi-stack gaps



SMART DRILLING

Autonomous drilling mode → self adaptation
adaptation of drilling cycle
Unlimited drilling curve storage

Various Poka Yoké systems
Real time drilling monitoring



HEALTH & SAFETY

Reduced Environmental impact

Reduced consumption
Reduced lubrication pollution

Improved workplace

Limited operator's exposure to lubricant



MAINTENANCE OPTIMIZATION

Full modularity with ADU components
Cycle counter for cutting tool & heads
Access right management
Increased life time for cutting tools

Drill Selection Guide

How to select your tool:

1 Select material 2 Select hole size 3 Define speed

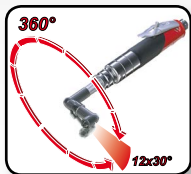
TOOL TYPE	FREE SPEED	TITANIUM	STAINLESS STEEL	HARD CAST IRON, MEDIUM HARD STEEL	SOFT CAST IRON, MILD STEEL 1	HARD PLASTICS	ALUMINIUM, BRASS, COPPER, BRONZE	COMPOSITE	WOOD, SOFT PLASTICS, CHIPBOARD
	rpm		9-15m/min	10-20m/min	20-35m/min	30-40m/min	50-80m/min	50-100m/min	80-120m/min
Drill ø mm									
30°, 45°, 90°, 360° COMPACT HEAD									
	DR300-QR	5500	–	–	–	3.0 (1/8")	5.0 (3/16")	5.0 (3/16")	5.0 (3/16")
		4500	–	–	–	3.0 (1/8")	5.0 (3/16")	5.0 (3/16")	5.0 (3/16")
		3000 3	–	–	3.0 (1/8") 2	5.0 (3/16")	5.0 (3/16")	5.0 (3/16")	–
	DR300-T5/S5	2000	–	3.0 (1/8")	4.0 (5/32")	5.0 (3/16")	–	–	–
		1000	–	4.0 (5/32")	5.0 (3/16")	–	–	–	–
45°, 90°, 360° STANDARD HEAD									
	DR300-QR	5500	–	–	–	3.0 (1/8")	6.0 (1/4")	5.0 (3/16")	6.5 (1/4")
		4500	–	–	–	3.0 (1/8")	6.0 (1/4")	5.0 (3/16")	6.5 (1/4")
		3000	–	–	3.0 (1/8")	5.0 (3/16")	6.5 (1/4")	6.5 (1/4")	–
	DR300-T6/S6	2000	–	3.0 (1/8")	4.0 (5/32")	6.5 (1/4")	–	6.5 (1/4")	–
		1000	–	4.0 (5/32")	6.0 (1/4")	6.5 (1/4")	–	–	–
		550	6.0 (1/4")	6.5 (1/4")	6.5 (1/4")	–	–	–	–
90° HEAVY DUTY									
	DR300-THD/SHD	2000	–	3.0 (1/8")	3.0 (1/8")	6.0 (1/4")	8.0 (5/16")	8.0 (5/16")	8.0 (5/16")
		900	–	7.0 (9/32")	8.0 (5/16")	8.0 (5/16")	–	–	–
		2000	–	3.0 (1/8")	3.0 (1/8")	6.0 (1/4")	6.5 (1/4")	6.5 (1/4")	6.5 (1/4")
		900	–	6.5 (1/4")	6.5 (1/4")	6.5 (1/4")	–	–	–
PISTOL GRIP									
	DR350	20000						4.0 (5/32")	2.0 (5/64")
	ø8-10 mm (5/16" - 3/8") cap.	5500					4.0 (5/32")	5.0 (3/16")	6.0 (1/4")
		4500				3.0 (1/8")	6.0 (1/4")		8.0 (5/16")
		3000			4.0 (5/32")	5.0 (3/16")	8.0 (5/16")		
		2000	3.0 (1/8")	4.0 (5/32")	6.0 (1/4")	8.0 (5/16")	10.0 (13/32")		
		1000	4.0 (5/32")	6.0 (1/4")	8.0 (5/16")				
		550	6.0 (1/4")	8.0 (5/16")					
	DR500	18500						4.0 (5/32")	2.0 (5/64")
	ø8-13 mm (5/16" - 1/2") cap.	5800					4.0 (5/32")	5.0 (3/16")	6.0 (1/4")
		4300				3.0 (1/8")	6.0 (1/4")	10.0 (13/32")	12.0 (1/2")
		2700		3.0 (1/8")	4.0 (5/32")	5.0 (3/16")	8.0 (5/16")	12.0 (1/2")	
		1800	3.0 (1/8")	4.0 (5/32")	6.0 (1/4")	8.0 (5/16")	10.0 (13/32")		
		1400	4.0 (5/32")	5.0 (3/16")	9.0 (11/32")	11.0 (7/16")			
		1000	5.0 (3/16")	6.0 (1/4")	10.0 (13/32")				
		600	3.0 (1/8")	7.0 (9/32")	8.0 (5/16")	12.0 (1/3")			
	DR750	20000					2.0 (5/64")	2.0 (5/64")	
	ø8-13 mm (5/16" - 1/2") cap.	6000					4.0 (5/32")	5.0 (3/16")	6.0 (1/4")
		4100				3.0 (1/8")	6.0 (1/4")	8.0 (5/16")	10.0 (13/32")
		3300			3.0 (1/8")	4.0 (5/32")	8.0 (5/16")	10.0 (13/32")	12.0* (1/2")
		2700		3.0 (1/8")	4.0 (5/32")	5.0 (3/16")	10.0 (13/32")	13.0* (1/2")	15.0* (19/32")
		1300	4.0 (5/32")	5.0 (3/16")	9.0 (11/32")	11.0* (7/16")	19.0* (3/4")		30.0* (13/16")
		750	3.0 (1/8")	7.0 (9/32")	8.0 (5/16")	15.0* (19/32")	19.0* (3/4")	30.0* (13/16")	
		400	6.0 (1/4")	8.0 (5/16")	10.0 (13/32")				
STRAIGHT CASE									
	DR300-T	20000						4.0 (5/32")	2.0 (5/64")
	ø8-10 mm (5/16" - 3/8") cap.	5500					4.0 (5/32")	5.0 (3/16")	6.0 (1/4")
		4500				3.0 (1/8")	6.0 (1/4")		8.0 (5/16")
		3000			4.0 (5/32")	5.0 (3/16")	8.0 (5/16")		
		2000	3.0 (1/8")	4.0 (5/32")	6.0 (1/4")	8.0 (5/16")			
		1000	3.0 (1/8")	4.0 (5/32")	6.0 (1/4")	8.0 (5/16")			
		550	6.0 (1/4")	8.0 (5/16")					

* above standard chuck capacity

Multi Drills



- Modular product range to boost you productivity.
- Full flexibility for difficult access applications.
- Lightweight and excellent ergonomics.
- Robust built, reliable design and excellent run-out.



12 positions, 360° orientation

Flexibility
Excellent accessibility



Quick-Release head

Productivity
1 tool for all applications



Safety
Ergonomics
Low weight
Low sound levels
Vacuum kits options

COMPACT HEAD
Collet Ø 5mm (3/16") or 1/4" spindle



STANDARD HEAD
Collet Ø 6.4mm (1/4") / Ø 8mm (5/16") or 1/2" spindle

* Possibility to use ER collets with straight Quick Release attachment See p.202 for all details

Multi-Drills



A
DR350 Series
350 W (0.5hp) / 1000 to 5500 rpm



B
DR300 Series
300 W (0.4hp) / 550 to 5500 rpm

PIC REF	MODEL	PART NUMBER	FREE SPEED	MOTOR POWER		WEIGHT		LENGTH		AIR FLOW		AIR INLET
			rpm	W	hp	kg	lb	mm	in.	l/s	cfm	in.

MULTI-DRILLS - PISTOL

A	DR350-P5500-QR	205 147 984 4	5500	350	0.5	0.50	1.10	169	6.65	9.5	20	1/4
A	DR350-P4500-QR	205 147 983 4	4500	350	0.5	0.50	1.10	169	6.65	9.5	20	1/4
A	DR350-P3000-QR	205 147 528 4	3000	350	0.5	0.50	1.10	169	6.65	9.5	20	1/4
A	DR350-P1000-QR	205 147 981 4	1000	350	0.5	0.58	1.27	187	7.36	9.5	20	1/4

Other speed on request (550 & 2000 rpm)

MULTI-DRILLS - STRAIGHT

B	DR300-T5500-QR	615 176 071 0	5500	300	0.4	0.52	1.14	179	7.05	9.5	20	1/4
B	DR300-T4500-QR	615 176 070 0	4500	300	0.4	0.52	1.14	179	7.05	9.5	20	1/4
B	DR300-T3000-QR	615 176 069 0	3000	300	0.4	0.52	1.14	179	7.05	9.5	20	1/4
B	DR300-T2000-QR	615 176 068 0	2000	300	0.4	0.52	1.14	179	7.05	9.5	20	1/4
B	DR300-T1000-QR	615 176 067 0	1000	300	0.4	0.61	1.34	195.5	7.7	9.5	20	1/4
B	DR300-T550-QR	615 176 066 0	550	300	0.4	0.61	1.34	195.5	7.7	9.5	20	1/4

All models: Hose int. 6 mm (1/4")

QUICK RELEASE HEADS

PIC REF	DESIGNATION	PART NUMBER	LENGTH L		COLLET MAX. CAPACITY		WEIGHT	
			mm	in.	mm	in.	kg	lb

COMPACT ANGLE HEADS

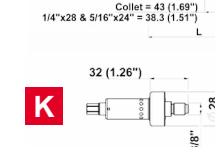
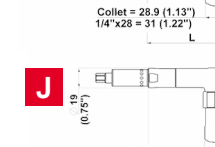
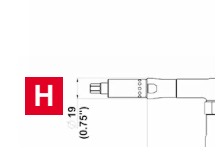
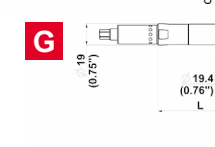
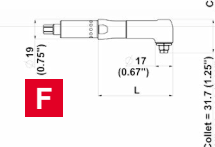
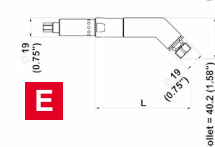
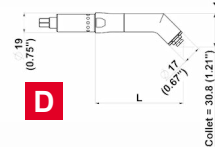
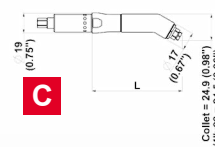
C	Short Compact 90° angle head Collet spindle	205 053 981 3	54.0	2.13	5.0	3/16	0.15	0.33
C	Compact 90° angle head Collet spindle	205 050 331 3	72.0	2.83	5.0	3/16	0.17	0.37
C	Compact 90° angle head 1/4" x 28 spindle	205 050 332 3	72.0	2.83	-	-	0.17	0.37
D	Compact 30° angle head Collet spindle	205 050 329 3	82.9	3.26	5.0	3/16	0.17	0.37
D	Compact 30° angle head 1/4" x 28 spindle	205 050 330 3	82.9	3.26	-	-	0.17	0.37
E	Compact 45° angle head Collet spindle	205 050 335 3	81.0	3.19	5.0	3/16	0.17	0.37
E	Compact 45° angle head 1/4" x 28 spindle	205 050 336 3	79.0	3.11	-	-	0.17	0.37
F	Compact 360° angle head Collet spindle	205 050 333 3	81.5	3.21	5.0	3/16	0.25	0.55
F	Compact 360° angle head 1/4" x 28 spindle	205 050 334 3	85.2	3.35	-	-	0.25	0.55

STANDARD ANGLE HEADS

G	Standard 90° angle head Collet spindle	205 050 338 3	75.7	2.98	6.4	1/4	0.23	0.51
G	Standard 90° angle head Collet spindle	205 050 353 3	75.7	2.98	8.0	5/16	0.23	0.51
G	Standard 90° angle head 1/4" x 28 spindle	205 050 339 3	75.7	2.98	-	-	0.24	0.53
G	Standard 90° angle head 5/16" x 24 spindle	205 050 340 3	75.7	2.98	-	-	0.23	0.51
H	Standard 45° angle head Collet spindle	615 398 702 5	90.7	3.57	6.4	1/4	0.23	0.51
H	Standard 45° angle head 1/4" x 28 spindle	615 398 704 5	87.9	3.46	-	-	0.23	0.51
J	Standard 360° angle head Collet spindle	205 050 341 3	96.8	3.81	6.4	1/4	0.32	0.70
J	Standard 360° angle head 1/4" x 28 spindle	205 050 342 3	94.5	3.72	-	-	0.32	0.70
J	Standard 360° angle head 5/16" x 24 spindle	205 050 343 3	94.5	3.72	-	-	0.32	0.70

STRAIGHT HEAD

K	Chuck mounting 3/8" x 24	205 050 543 3	32.0	1.26	-	-	0.25	0.55
---	--------------------------	---------------	------	------	---	---	------	------



Muti Drills - Accessories

Collet for Compact Angle Heads: C, D, E & F (30°, 45°, 90° & 360°)



COLLET CAPACITY	PART NO.	COLLET CAPACITY	PART NO.	COLLET CAPACITY	PART NO.	COLLET CAPACITY	PART NO.	COLLET CAPACITY	PART NO.
ø 0.8mm	2152	ø 1.8mm	2252	ø 2.8mm	2352	ø 3.8mm	2452	ø 4.8mm	2552
ø 0.9mm	2162	ø 1.9mm	2262	ø 2.9mm	2362	ø 3.9mm	2462	ø 4.9mm	2562
ø 1.0mm	2172	ø 2.0mm	2272	ø 3.0mm	2372	ø 4.0mm	2472	ø 5.0mm	2572
ø 1.1mm	2182	ø 2.1mm	2282	ø 3.1mm	2382	ø 4.1mm	2482		
ø 1.2mm	2192	ø 2.2mm	2292	ø 3.2mm	2392	ø 4.2mm	2492	ø 1/16"	91442
ø 1.3mm	2202	ø 2.3mm	2302	ø 3.3mm	2402	ø 4.3mm	2502	ø 3/32"	91452
ø 1.4mm	2212	ø 2.4mm	2312	ø 3.4mm	2412	ø 4.4mm	2512	ø 1/8"	91462
ø 1.5mm	2222	ø 2.5mm	2322	ø 3.5mm	2422	ø 4.5mm	2522	ø 5/32"	91472
ø 1.6mm	2232	ø 2.6mm	2332	ø 3.6mm	2432	ø 4.6mm	2532	ø 11/64"	108172
ø 1.7mm	2242	ø 2.7mm	2342	ø 3.7mm	2442	ø 4.7mm	2542	ø 3/16"	91482

Collet for Standard Angle Heads: G, H & J (45°, 90°, 360°)



COLLET CAPACITY	PART NO.	COLLET CAPACITY	PART NO.	COLLET CAPACITY	PART NO.	COLLET CAPACITY	PART NO.
ø 1.6mm (1/16")	18922	ø 3.0mm	18992	ø 4.4mm (11/64")	19072	ø 5.8mm	19152
ø 1.8mm	18932	ø 3.2mm (1/8")	19002	ø 4.6mm	19082	ø 6.0mm (15/64")	19162
ø 2.0mm (5/64")	18942	ø 3.4mm	19022	ø 4.8mm (3/16")	19092	ø 6.2mm	19172
ø 2.2mm	18952	ø 3.6mm (9/64")	19032	ø 5.0mm	19102	ø 6.4mm (1/4")	19182
ø 2.4mm	18962	ø 3.8mm	19042	ø 5.2mm (13/64")	19122		
ø 2.6mm	18972	ø 4.0mm (5/32")	19052	ø 5.4mm	19132		
ø 2.8mm (7/64")	18982	ø 4.2mm	19062	ø 5.6mm (7/32")	19142		

Collet for Standard Angle Head: P.N. 205 050 353 3



COLLET CAPACITY	PART NO.	COLLET CAPACITY	PART NO.	COLLET CAPACITY	PART NO.	COLLET CAPACITY	PART NO.
ø 3.0mm	615 526 069 0	ø 5.0mm	615 526 075 0	ø 6.0mm	615 526 079 0	ø 7.5mm	615 526 084 0
ø 3.5mm	615 526 070 0	ø 5.2mm	615 526 076 0	ø 6.3mm	615 526 080 0	ø 7.7mm	615 526 085 0
ø 4.0mm	615 526 071 0	ø 5.5mm	615 526 077 0	ø 6.5mm	615 526 081 0	ø 7.9mm	615 526 087 0
ø 4.5mm	615 526 073 0	ø 5.9mm	615 526 078 0	ø 7.0mm	615 526 083 0	ø 8.0mm	615 526 088 0



ACCESSORIES INCLUDED

ITEM	PART NO.
With DR300	
2 Safety lever	205 051 259 3
With Angle heads C, D, E & F	
3 Collet ø 4.8mm (3/16") capacity	2552
• Flat wrench	615 802 069 0
• Flat wrench	615 802 070 0
With Angle heads G & H	
4 Collet ø 6.4mm (1/4") capacity	19182
• Flat wrenches 10mm	82623

COLOUR IDENTIFICATION		DR350	
		SPEED	PART NO.
		rpm	
Black		20000	205 049 447 3
Orange		5500	205 055 003 3
Purple		4500	205 055 004 3
Blue		3000	205 055 005 3

COLOUR IDENTIFICATION		DR350	
		SPEED	PART NO.
		rpm	
Red		2000	205 055 006 3
Green		1000	205 055 007 3
Yellow		550	205 055 008 3
Grey		-	-

OTHER OPTIONAL ACCESSORIES

ITEM	PART NO.
1 Short lever	205 050 299 3
4 Start button	615 399 266 0
5 Side handle	615 399 265 0
• Keyed chuck C6 - 3/8"x24 (Cap. 0.5 to 6.5mm)	205 055 272 3
• Keyed chuck C8 - 3/8"x24 (Cap. 0.5 to 8mm)	205 053 013 3
• Flat wrenches 8-9.5mm for Angle heads C, D, E & F	268263

Angle Drills

Compact Head - Max capacity: 5mm (3/16")

Collet & 1/4" x 28 Spindle



A

DR300-T...-T/S5-30 Series
300 W (0.4hp) / 1000 to 5500 rpm



B

DR300-T...-T/S5-45 Series
300 W (0.4hp) / 550 to 5500 rpm



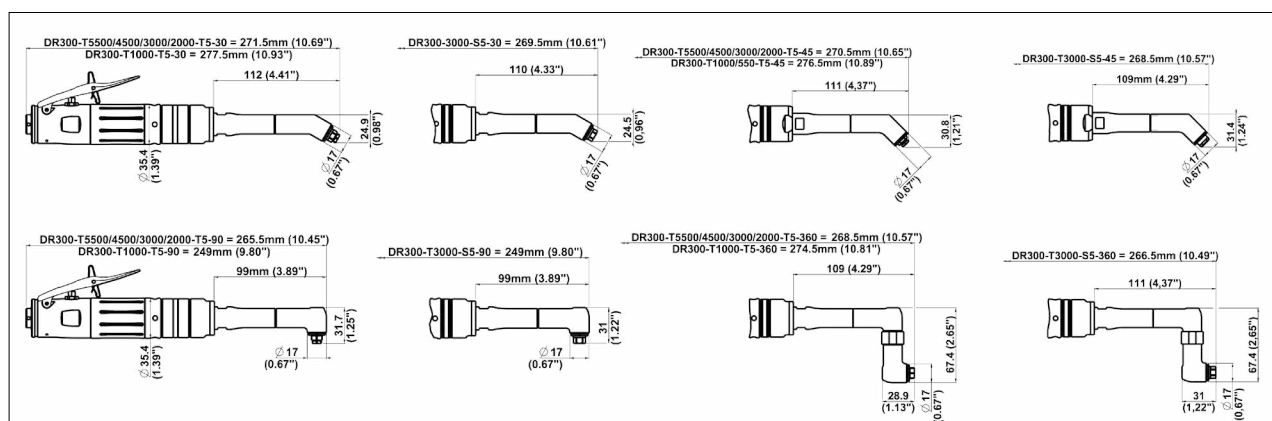
C

DR300-T...-T/S5-90 Series
300 W (0.4hp) / 1000 to 5500 rpm



D

DR300-T...-T/S5-360 Series
300 W (0.4hp) / 1000 to 5500 rpm



ACCESSORIES
see page 190

PIC REF	MODEL	PART NUMBER	MODEL	PART NUMBER	FREE SPEED	MOTOR POWER		WEIGHT	
					rpm	W	hp	kg	lb
30° - COLLET SPINDLE			30° - 1/4" x 28 SPINDLE		Max. capacity: 5mm (3/16")				
A	DR300-T5500-T5-30	615 176 077 0	DR300-T5500-S5-30	615 176 075 0	5500	300	0.4	0.66	1.45
A	DR300-T4500-T5-30	615 176 076 0	DR300-T4500-S5-30		4500	300	0.4	0.66	1.45
A	DR300-T3000-T5-30	615 176 074 0	DR300-T3000-S5-30		3000	300	0.4	0.66	1.45
A	DR300-T2000-T5-30	615 176 073 0	DR300-T2000-S5-30		2000	300	0.4	0.66	1.45
A	DR300-T1000-T5-30	615 176 072 0	DR300-T1000-S5-30		1000	300	0.4	0.76	1.67
45° - COLLET SPINDLE			45° - 1/4" x 28 SPINDLE		Max. capacity: 5mm (3/16")				
B	DR300-T5500-T5-45	615 176 096 0	DR300-T5500-S5-45	615 176 094 0	5500	300	0.4	0.67	1.47
B	DR300-T4500-T5-45	615 176 095 0	DR300-T4500-S5-45		4500	300	0.4	0.67	1.47
B	DR300-T3000-T5-45	615 176 093 0	DR300-T3000-S5-45		3000	300	0.4	0.67	1.47
B	DR300-T2000-T5-45	615 176 092 0	DR300-T2000-S5-45		2000	300	0.4	0.67	1.47
B	DR300-T1000-T5-45	615 176 091 0	DR300-T1000-S5-45		1000	300	0.4	0.76	1.67
B	DR300-T550-T5-45	615 176 090 0	DR300-T550-S5-45		550	300	0.4	0.76	1.67
90° - COLLET SPINDLE			90° - 1/4" x 28 SPINDLE		Max. capacity: 5mm (3/16")				
C	DR300-T5500-T5-90	615 176 083 0	DR300-T5500-S5-90	615 176 081 0	5500	300	0.4	0.68	1.5
C	DR300-T4500-T5-90	615 176 082 0	DR300-T4500-S5-90		4500	300	0.4	0.68	1.5
C	DR300-T3000-T5-90	615 176 080 0	DR300-T3000-S5-90		3000	300	0.4	0.68	1.5
C	DR300-T2000-T5-90	615 176 079 0	DR300-T2000-S5-90		2000	300	0.4	0.68	1.5
C	DR300-T1000-T5-90	615 176 078 0	DR300-T1000-S5-90		1000	300	0.4	0.78	1.72
360° - COLLET SPINDLE			360° - 1/4" x 28 SPINDLE		Max. capacity: 5mm (3/16")				
D	DR300-T5500-T5-360	615 176 089 0	DR300-T5500-S5-360	615 176 087 0	5500	300	0.4	0.74	1.63
D	DR300-T4500-T5-360	615 176 088 0	DR300-T4500-S5-360		4500	300	0.4	0.74	1.63
D	DR300-T3000-T5-360	615 176 086 0	DR300-T3000-S5-360		3000	300	0.4	0.74	1.63
D	DR300-T2000-T5-360	615 176 085 0	DR300-T2000-S5-360		2000	300	0.4	0.74	1.63
D	DR300-T1000-T5-360	615 176 084 0	DR300-T1000-S5-360		1000	300	0.4	0.84	1.85

All models: Air flow: 9.5 l/s (20 cfm) - Air inlet 1/4" - Hose int. 6 mm (1/4")



Angle Drills

Standard Head - Max capacity: 6.4mm (1/4")

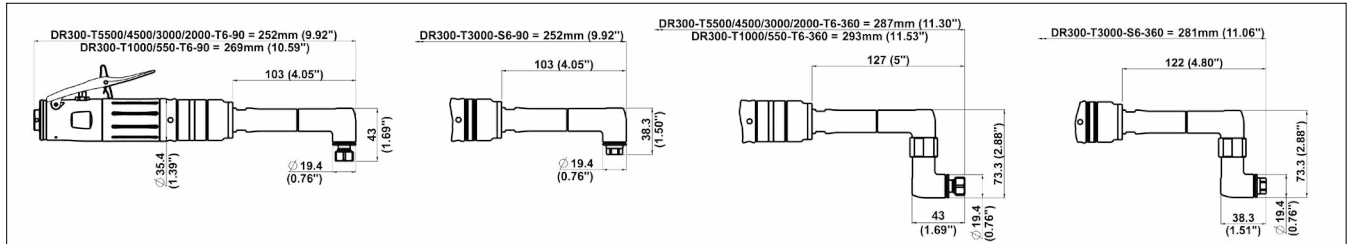
Collet & 1/4" x 28 Spindle



DR300-T...-T/S6-90 Series
300 W (0.4hp) / 550 to 5500 rpm



DR300-T...-T/S6-360 Series
300 W (0.4hp) / 550 to 5500 rpm



ACCESSORIES
see page 190

PIC REF	MODEL	PART NUMBER	MODEL	PART NUMBER	FREE SPEED	MOTOR POWER		WEIGHT	
					rpm	W	hp	kg	lb
90° - COLLET SPINDLE			90° - 1/4" x 28 SPINDLE		Max. capacity: 6.4mm (1/4")				
A	DR300-T5500-T6-90	615 176 103 0	DR300-T5500-S6-90	615 176 101 0	5500	300	0.4	0.7	1.54
A	DR300-T4500-T6-90	615 176 102 0	DR300-T4500-S6-90		4500	300	0.4	0.7	1.54
A	DR300-T3000-T6-90	615 176 100 0	DR300-T3000-S6-90		3000	300	0.4	0.7	1.54
A	DR300-T2000-T6-90	615 176 099 0	DR300-T2000-S6-90		2000	300	0.4	0.7	1.54
A	DR300-T1000-T6-90	615 176 098 0	DR300-T1000-S6-90		1000	300	0.4	0.79	1.74
A	DR300-T550-T6-90	615 176 097 0	DR300-T550-S6-90		550	300	0.4	0.79	1.74
360° - COLLET SPINDLE			360° - 1/4" x 28 SPINDLE		Max. capacity: 6.4mm (1/4")				
B	DR300-T5500-T6-360	615 176 110 0	DR300-T5500-S6-360	615 176 108 0	5500	300	0.4	0.82	1.81
B	DR300-T4500-T6-360	615 176 109 0	DR300-T4500-S6-360		4500	300	0.4	0.82	1.81
B	DR300-T3000-T6-360	615 176 107 0	DR300-T3000-S6-360		3000	300	0.4	0.82	1.81
B	DR300-T2000-T6-360	615 176 106 0	DR300-T2000-S6-360		2000	300	0.4	0.82	1.81
B	DR300-T1000-T6-360	615 176 105 0	DR300-T1000-S6-360		1000	300	0.4	0.91	2
B	DR300-T550-T6-360	615 176 104 0	DR300-T550-S6-360		550	300	0.4	0.91	2

All models: Air flow: 9.5 l/s (20 cfm) - Air inlet 1/4" - Hose int. 6 mm (1/4")

Angle Drills

Heavy Duty 90° Angle Head



DR300-T...-THD-90 Series
300 W (0.4hp) / 900 & 2000 rpm



DR300-T...-SHD-90 Series
300 W (0.4hp) / 900 & 2000 rpm



ACCESSORIES
see page 190

PIC REF	MODEL	PART NUMBER	FREE SPEED	MOTOR POWER		WEIGHT		LENGTH		AIR FLOW		AIR INLET
			rpm	W	hp	kg	lb	mm	in.	l/s	cfm.	in.
90° - COLLET SPINDLE Max capacity: 8mm (5/16")												
A	DR300-T2000-THD-90	615 176 111 0	2000	300	0.4	0.73	1.61	189,5	7,46	9.5	20	1/4
A	DR300-T900-THD-90	615 176 112 0	900	300	0.4	0.83	1.83	206	8,11	9.5	20	1/4
A	DR300-T600-THD-90	615 176 116 0	600	300	0,4	0,83	1.83	206	8,11	9,5	20	1/4
90° - KEY CHUCK Max capacity: 8mm (5/16")												
B	DR300-T2000-SHD-90	615 176 113 0	2000	300	0.4	0.86	1.89	189,5	7,46	9.5	20	1/4
B	DR300-T900-SHD-90	615 176 114 0	900	300	0.4	0.96	2.11	206	8,11	9.5	20	1/4
B	DR300-T600-SHD-90	615 176 117 0	600	300	0.4	0.96	2.11	206	8.11	9.5	20	1/4

All models: Air flow: Hose int. 6 mm (1/4")

Accessories for Angle Drills



Collet for Compact Angle Drills DR300-T5.. - Maximum capacity: 5 mm (3/16")

COLLET CAPACITY	PART NO.	COLLET CAPACITY	PART NO.	COLLET CAPACITY	PART NO.	COLLET CAPACITY	PART NO.	COLLET CAPACITY	PART NO.
ø 0.8mm	2152	ø 1.8mm	2252	ø 2.8mm	2352	ø 3.8mm	2452	ø 4.8mm	2552
ø 0.9mm	2162	ø 1.9mm	2262	ø 2.9mm	2362	ø 3.9mm	2462	ø 4.9mm	2562
ø 1.0mm	2172	ø 2.0mm	2272	ø 3.0mm	2372	ø 4.0mm	2472	ø 5.0mm	2572
ø 1.1mm	2182	ø 2.1mm	2282	ø 3.1mm	2382	ø 4.1mm	2482	ø 1/16"	91442
ø 1.2mm	2192	ø 2.2mm	2292	ø 3.2mm	2392	ø 4.2mm	2492	ø 3/32"	91452
ø 1.3mm	2202	ø 2.3mm	2302	ø 3.3mm	2402	ø 4.3mm	2502	ø 1/8"	91462
ø 1.4mm	2212	ø 2.4mm	2312	ø 3.4mm	2412	ø 4.4mm	2512	ø 5/32"	91472
ø 1.5mm	2222	ø 2.5mm	2322	ø 3.5mm	2422	ø 4.5mm	2522	ø 11/64"	108172
ø 1.6mm	2232	ø 2.6mm	2332	ø 3.6mm	2432	ø 4.6mm	2532	ø 3/16"	91482
ø 1.7mm	2242	ø 2.7mm	2342	ø 3.7mm	2442	ø 4.7mm	2542		



Collet for Standard Angle Drills DR300-T6.. - Maximum capacity: 6.4 mm (1/4")

COLLET CAPACITY	PART NO.	COLLET CAPACITY	PART NO.	COLLET CAPACITY	PART NO.	COLLET CAPACITY	PART NO.
ø 1.6mm (1/16")	18922	ø 3.0mm	18992	ø 4.4mm (11/64")	19072	ø 5.8mm	19152
ø 1.8mm	18932	ø 3.2mm (1/8")	19002	ø 4.6mm	19082	ø 6.0mm (15/64")	19162
ø 2.0mm (5/64")	18942	ø 3.4mm	19022	ø 4.8mm (3/16")	19092	ø 6.2mm	19172
ø 2.2mm	18952	ø 3.6mm (9/64")	19032	ø 5.0mm	19102	ø 6.4mm (1/4")	19182
ø 2.4mm	18962	ø 3.8mm	19042	ø 5.2mm (13/64")	19122		
ø 2.6mm	18972	ø 4.0mm (5/32")	19052	ø 5.4mm	19132		
ø 2.8mm (7/64")	18982	ø 4.2mm	19062	ø 5.6mm (7/32")	19142		



Collet for Heavy Duty Angle Drills DR300-THD.. - Maximum capacity: 8 mm (5/16")

COLLET CAPACITY	PART NO.	COLLET CAPACITY	PART NO.	COLLET CAPACITY	PART NO.	COLLET CAPACITY	PART NO.
ø 2.4mm (3/32")	2592	ø 4.0mm (5/32")	2672	ø 5.6mm	2752	ø 7.2mm	2832
ø 2.6mm	2602	ø 4.2mm	2682	ø 5.8mm	2762	ø 7.4mm	2842
ø 2.8mm (7/64")	2612	ø 4.4mm	2692	ø 6.0mm	2772	ø 7.6mm	2852
ø 3.0mm	2622	ø 4.6mm	2702	ø 6.2mm	2782	ø 7.8mm	2862
ø 3.2mm (1/8")	2632	ø 4.8mm (3/16")	2712	ø 6.4 (1/4")	2792	ø 8.0mm (5/16")	2872
ø 3.4mm	2642	ø 5.0mm	2722	ø 6.6mm	2802		
ø 3.6mm (9/64")	2652	ø 5.2mm	2732	ø 6.8mm	2812		
ø 3.8mm	2662	ø 5.4mm	2742	ø 7.0mm	2822		

ACCESSORIES INCLUDED

ITEM	COMPACT DR300-T5..	STANDARD DR300-T6..	COMPACT DR300-S5	STANDARD DR300-S6	HEAVY DUTY DR300-THD	DR300-SHD
	COLLET SPINDLE		1/4" X 28 SPINDLE		COLLET	CHUCK
1 ø 4.8mm (3/16") capacity collet	2552					
2 ø 6.4mm (1/4") capacity collet		19182				
3 ø 8mm (5/16") capacity collet					2872	
4 Chuck threaded 3/8" UNF - cap 8mm (5/16") with key						205 053 013 3
• Chuck key						410213
5 Safety lever	205 051 259 3	205 051 259 3	205 051 259 3	205 051 259 3	205 051 259 3	205 051 259 3
• Flat wrench 8-9.5mm	268263					
• Flat wrenches 10mm		82623				

OTHER OPTIONAL ACCESSORIES

ITEM	DR300-T5.. DR300-S5..	DR300-T6.. DR300-S6..	DR300-THD..	DR300-SHD..
6 Inlet button with lever recess plugs	615 399 266 0	615 399 266 0	615 399 266 0	
7 Short lever	205 050 299 3	205 050 299 3	205 050 299 3	205 050 299 3
8 Side handle				615 399 265 0

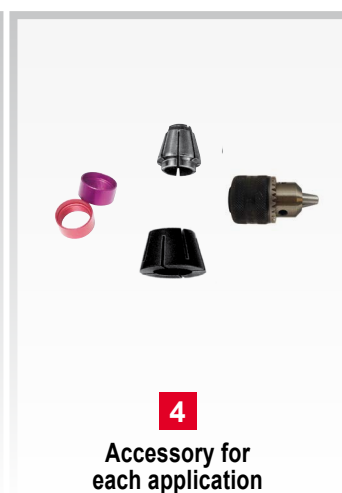
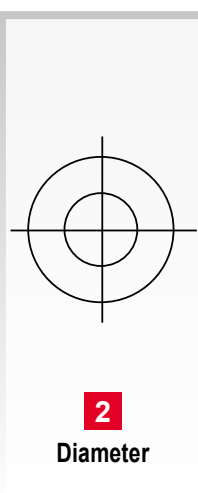
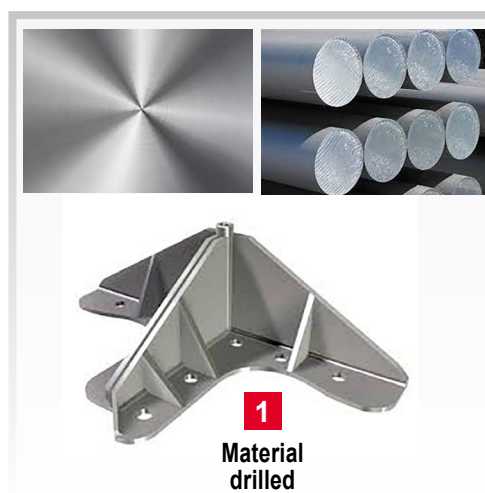


Pistol Grip Drills



■ Wide range of pistol drills with best in class power-to-weight ratio

■ How to make the right selection?



■ Tool range

Our range covers a wide range of applications to answer all your requirements



Pistol Grip Drills



A

DR350 Series
350 W (0.5hp) / 550 to 20000 rpm



B

DR500 Series
500 W (0.68hp) / 400 to 18500 rpm



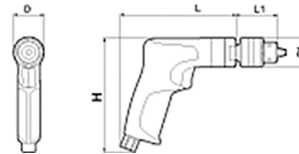
C

DR750 Series
750 W (1hp) / 400 to 20000 rpm



D

Color rings to identify your tools speed



Model	D		H	
	mm	in.	mm	in.
DR350-P..	35	1.38	135	5.3
DR500-P	36.5	1.44	135	5.3
DR750-P..	47	1.85	146	5.75

PIC REF	MODEL	PART NUMBER	MODEL	PART NUMBER	FREE SPEED	MOTOR POWER		STALL TORQUE		WEIGHT W/O CHUCK		LENGHT L	
					rpm	W	hp	Nm	in.lb	kg	lb	mm	in.
DR350 - KEY CHUCK			DR350 - WITHOUT CHUCK										
A	DR350-P20000-C8	205 147 252 4	DR350-P20000*	205 147 359 4	20000	350	0.5	0.6	5.3	0.49	1.1	120	4.72
A	DR350-P5500-C8	205 147 250 4	DR350-P5500*	205 147 358 4	5500	350	0.5	2.3	20.4	0.49	1.1	136	5.35
A	DR350-P4500-C8	205 147 382 4	DR350-P4500*	205 147 384 4	4500	350	0.5	2.7	23.9	0.49	1.1	136	5.35
A	DR350-P3000-C8	205 147 248 4	DR350-P3000*	205 147 357 4	3000	350	0.5	4.0	35.4	0.49	1.1	136	5.35
A	DR350-P2000-C8	205 147 246 4	DR350-P2000*	205 147 356 4	2000	350	0.5	5.4	47.8	0.49	1.1	136	5.35
A	DR350-P1000-C10	205 147 244 4	DR350-P1000*	205 147 355 4	1000	350	0.5	12.7	112.4	0.57	1.3	154	6.06
A	DR350-P550-C10	205 147 242 4	DR350-P550*	205 147 354 4	550	350	0.5	18.6	164.6	0.57	1.3	154	6.06

All models DR350: Air Flow: 9.5 l/s (20 cfm) - Air Inlet 1/4" - Hose int. 6 mm (1/4") / * Chuck spindle 3/8" x 24 UNF

DR500 - KEY CHUCK					DR500 - WITHOUT CHUCK								
B	DR500-P18500-C8	205 147 676 4	DR500-P18500*	205 147 678 4	18500	500	0.68	1.0	8.85	0.56	1.2	141	5.55
B	DR500-P5800-C8	205 147 673 4	DR500-P5800*	205 147 675 4	5800	500	0.68	3.1	27.4	0.56	1.2	141	5.55
B	DR500-P4300-C8	205 147 670 4	DR500-P4300*	205 147 672 4	4300	500	0.68	4.2	37.2	0.56	1.2	141	5.55
B	DR500-P2700-C8	205 147 667 4	DR500-P2700*	205 147 669 4	2700	500	0.68	6.9	61.1	0.56	1.2	141	5.55
B	DR500-P1800-C10	205 147 664 4	DR500-P1800*	205 147 666 4	1800	500	0.68	9.9	87.6	0.64	1.4	155	6.1
B	DR500-P1400-C10	205 147 661 4	DR500-P1400*	205 147 663 4	1400	500	0.68	13.4	118.6	0.64	1.4	155	6.1
B	DR500-P1000-C10	205 147 658 4	DR500-P1000*	205 147 660 4	1000	500	0.68	18.0	159	0.64	1.4	155	6.1
B	DR500-P600-C13	205 147 655 4	DR500-P600*	205 147 657 4	600	500	0.68	28.7	254	0.64	1.4	155	6.1
B	DR500-P400-C13	205 147 652 4	DR500-P400*	205 147 654 4	400	500	0.68	46.0	407	0.64	1.4	155	6.1

All models DR500: Air Flow: 14 l/s (30 cfm) - Air inlet: 1/4" - Hose int. 10 mm (3/8") / * Chuck spindle 3/8" x 24 UNF

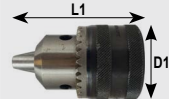
DR750 - KEY CHUCK					DR750 - WITHOUT CHUCK								
C	DR750-P20000-C8	205 146 659 4	DR750-P20000*	205 147 458 4	20000	750	1	1.6	14.2	0.9	2.0	152	5.98
C	DR750-P6000-C8	1465124	DR750-P6000*	205 147 417 4	6000	750	1	5.3	46.9	0.9	2.0	152	5.98
C	DR750-P4100-C8	1465114	DR750-P4100*	205 147 456 4	4100	750	1	7.1	62.8	0.9	2.0	152	5.98
C	DR750-P3300-C10	1465104	DR750-P3300*	205 147 455 4	3300	750	1	9.6	85.0	0.9	2.0	152	5.98
C	DR750-P2700-C10	1465094	DR750-P2700*	205 147 416 4	2700	750	1	11.1	98.2	0.9	2.0	152	5.98
C	DR750-P1300-C10	1465084	DR750-P1300*	205 147 415 4	1300	750	1	23.9	211	1.15	2.5	184	7.24
C	DR750-P750-C13	1465074	DR750-P750**	205 147 452 4	750	750	1	41.0	363	1.15	2.5	184	7.24
C	DR750-P400-C13	205 146 658 4	DR750-P400**	205 147 451 4	400	750	1	55.0	487	1.15	2.5	184	7.24

DR750 - JACOBS TAPER 1 SPINDLE - WITHOUT CHUCK

D	DR750-P20000-JT1	205 146 667 4	20000	750	1	1.6	14.2	0.9	2.0	152	5.98
D	DR750-P6000-JT1	205 146 666 4	6000	750	1	5.3	46.9	0.9	2.0	152	5.98
D	DR750-P3300-JT1	205 146 664 4	3300	750	1	9.6	85.0	0.9	2.0	152	5.98
D	DR750-P2700-JT1	205 146 663 4	2700	750	1	11.1	98.2	0.9	2.0	152	5.98
D	DR750-P1300-JT1	205 146 662 4	1300	750	1	23.9	211	1.15	2.5	184	7.24
D	DR750-P750-JT1	205 146 661 4	750	750	1	41.0	363	1.15	2.5	184	7.24
D	DR750-P400-JT1	205 146 660 4	400	750	1	55.0	487	1.15	2.5	184	7.24

All models DR750: Air Flow: 14 l/s (30 cfm) - Air inlet: 1/4" - Hose int. 10 mm (3/8") / Chuck spindle: * 3/8" x 24 UNF / ** 1/2" x 20 UNF

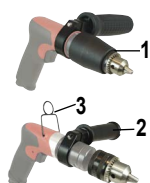
CHUCK SELECTION GUIDE FOR DR300-T... / DR350-P... / DR500-P... / DR750-P.

CHUCK PART NO.	CHUCK MOUNT	CHUCK CAPACITY		DIMENSIONS				WEIGHT		PART NO. KEY	DR3...P...C8	DR3...P...C10	DR500-P...C13	DR750-P...
		mm	in.	D1		L1		g	lb		DR500-P...C8	DR750-P...C10	DR750-P...C13	JT1
														
205 055 272 3	3/8"-24	0.5 - 6.5	1/4	29.3	1.15	42.5	1.67	121	0.27	29182	O	O	O	
205 053 013 3	3/8"-24	0.5 - 8	5/16	29.3	1.15	42.5	1.67	120	0.26	410213	I			
205 052 954 3	3/8"-24	1 - 10	3/8	37	1.46	49.5	1.95	204	0.45	29232		I		
473113	3/8"-24	1.5 - 13	1/2	42	1.67	59	2.32	371	0.82	895 101 145 3			I	
29142	1/2"-20	1.5 - 13	1/2	42	1.67	59	2.32	362	0.80	895 101 145 3			I	
29492	1JT	0.5 - 6.5	1/4	29.3	1.15	42.5	1.67	112	0.25	29182				O
29042	1JT	0.8 - 10	3/8	34.5	1.36	48	1.89	231	0.51	29232				O
34752	2JT	1 - 10	3/8	42	1.67	61.5	2.4	386	0.85	895 101 145 3				O*
34332	2JT	1 - 13	1/2	50	1.97	67.5	2.66	900	1.98					O*
														
473433	3/8"-24	0 - 8	5/16	32	1.26	61.5	2.4	285	0.63		O	O		
473423	3/8"-24	0.5 - 10	3/8	35.8	1.4	66	2.6	390	0.86			O		
205 047 819 3	3/8"-24	1 - 13	1/2	40	1.58	76.3	3	559	1.23				O	
205 056 060 3	1/2"-20	1 - 13	1/2	40	1.58	76.3	3	548	1.21				O	
524.09	1JT	0 - 6.5	1/4	32	1.26	59.5	2.34	284	0.62					O
524.15	1JT	0.5 - 10	3/8	35.8	1.4	66	2.6	390	0.86					O
524.10	2JT	0.5 - 10	3/8	40	1.58	87.5	3.4	636	1.4					O*
524.16	2JT	1 - 13	1/2	46	1.8	91	3.6	904	1.99					O*

* To use 2JT chuck on DR750, add adaptor P.N. 12243

| INCLUDED WITH THE TOOL

O OPTIONAL ACCESSORIES



ACCESSORIES INCLUDED		DR350-P...C8 DR500-P...C8 DR750-P...C8.	DR350-P...C10 DR500-P...C10 DR750-P...C10	DR500-P...C13 DR750-P...C13
ITEM				
1	Chuck guard for DR350-P...C	205 049 275 3		
1	Chuck guard for DR500-P...C	205 049 486 3		
1	Chuck guard for DR750-P...C8 & C10	473143	473143	
2	Side handle for DR350-P550 & P1000	205 049 446 3	205 049 446 3	
2	Side handle for DR500-P400 to P1800		205 053 102 3	205 053 102 3
2	Side handle for DR750-P	473173	473173	473173
3	Suspension bail for DR750-P	473153	473153	473153

COLOUR IDENTIFICATION		DR350	
		SPEED rpm	PART NO.
Black		20000	205 049 447 3
Orange		5500	205 055 003 3
Purple		4500	205 055 004 3
Blue		3000	205 055 005 3

COLOUR IDENTIFICATION		DR350	
		SPEED rpm	PART NO.
Red		2000	205 055 006 3
Green		1000	205 055 007 3
Yellow		550	205 055 008 3

OTHER OPTIONAL ACCESSORIES

ITEM		DR350-P...	DR500-P...	DR750-P...	DR750-P...JT1 MOUNT
•	Chuck guard for DR750-P...JT1 with chuck key - cap 6.5mm (1/4")				473143
2	Side handle for DR350 / 500	205 049 446 3	205 053 102 3		
•	Adaptor - JT1 female to JT2 male (for DR750-P...JT1)				12243
•	Flat wrench, 12.7mm (1/2")				15533

Straight Grip Drills



A

DR300 Series
300 W (0.4hp) / 550 to 20000 rpm

PIC REF	MODEL	PART NUMBER	MODEL	PART NUMBER	FREE SPEED	MOTOR POWER		STALL TORQUE		WEIGHT W/O CHUCK		LENGHT W/O CHUCK	
					rpm	W	hp	Nm	in.lb	kg	lb	mm	in.
DR300 - KEY CHUCK					DR300 - WITHOUT CHUCK								
A	DR300-T20000-C8	615 176 065 0	DR300-T20000	615 176 064 0	20000	300	0.4	0.6	5.3	0.44	0.97	138	7.28
A	DR300-T5500-C8	615 176 063 0	DR300-T5500	615 176 062 0	5500	300	0.4	2.3	20.4	0.49	1.08	167	6.57
A	DR300-T4500-C8	615 176 061 0	DR300-T4500	615 176 060 0	4500	300	0.4	2.7	23.9	0.49	1.08	167	6.57
A	DR300-T3000-C8	615 176 059 0	DR300-T3000	615 176 058 0	3000	300	0.4	4.0	35.4	0.49	1.08	167	6.57
A	DR300-T2000-C8	615 176 057 0	DR300-T2000	615 176 056 0	2000	300	0.4	5.4	47.8	0.49	1.08	167	6.57
A	DR300-T1000-C10	615 176 055 0	DR300-T1000	615 176 054 0	1000	300	0.4	12.7	112.4	0.60	1.32	184	7.24
A	DR300-T550-C10	615 176 053 0	DR300-T550	615 176 052 0	550	300	0.4	18.6	164.6	0.60	1.32	184	7.24

All models DR300: Air Flow: 9.5 l/s (20 cfm) - Air Inlet 1/4" - Hose int. 6 mm (1/4") / Chuck spindle 3/8" x 24 UNF



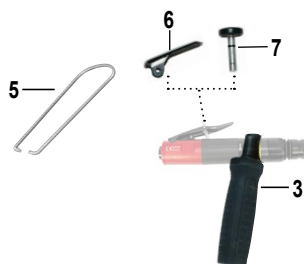
ACCESSORIES INCLUDED

ITEM		DR300-P...C8	DR300-P...C10
1	Keyed chuck 3/8" UNF - cap 8mm (5/16") (with key)	205 053 013 3	-
1	Keyed chuck 3/8" UNF - cap 10mm (3/8") (with key)	-	205 052 954 3
•	Chuck key	410213	29232
2	Chuck guard for DR300-P...C8	615 049 275 3	-
3	Side handle for DR300-T..C10	-	205 049 446 3
4	Safety lever for DR300-T..	205 050 288 3	205 050 288 3
•	Exhaust hose for DR300-T...	205 051 259 3	205 051 259 3



COLOUR IDENTIFICATION	DR300 SPEED
	rpm
Black	20000
Orange	5500
Purple	4500
Blue	3000

COLOUR IDENTIFICATION	DR300 SPEED	PART NO.
	rpm	
Red	2000	
Green	1000	
Yellow	550	
Set of color plastic rings		615 399 250 0



OPTIONAL ACCESSORIES

ITEM		DR300
3	Side handle for DR300	615 399 265 0
5	Suspension Bail	39433
6	Short lever	205 050 299 3
7	Kit inlet button	615 399 266 0



Controlled drilling

DR500-HCU

For a better control of your drilling operations, the dampened drilling units improve your drilling quality, especially in composite.

The dampening unit reduces the risk of delamination by dampening the thrust during the drilling phase, and at the exit point.



DR500-P18500 - STR25 - C X

- 1 Pistol tool power
- 2 Speed level (rpm)
- 3 HCU Unit Stroke
- 4 Nose

1 Pistol tool power
DR500: 500W (0.68hp)
DR750: 750W (1hp)

3 HCU Unit Stroke
STR25: 25mm (1")
STR50: 50mm (2")
STR75: 75mm (3")

4 Nose type
CX: Cylindrical (X = diameter)
Q: ¼ turn*
TR: Integrated tripod

MODEL	FREE SPEED	MOTOR POWER		STALL TORQUE		WEIGHT	
		kW	hp	Nm	in.lb	kg	lb.
DR500-P5800	5800	0.5	0.68	3.1	27.44	0.67	1.5
DR500-P4300	4300	0.5	0.68	4.2	37.17	0.67	1.5
DR500-P2700	2700	0.5	0.68	6.9	61.07	0.67	1.5
DR500-P1800	1800	0.5	0.68	9.9	87.62	0.84	1.8
DR500-P1400	1400	0.5	0.68	13.4	118.59	0.84	1.8
DR500-P1000	1000	0.5	0.68	18.0	159.3	0.84	1.8
DR500-P600	600	0.5	0.68	28.7	254	0.96	2.1
DR500-P400	400	0.5	0.68	46.0	407.1	0.96	2.1

Manual drilling unit

For a better control of your drilling operations, the Manual Drilling Unit offers controlled feed through a pneumatic piston.

Customizable, you can choose to add a cycle counter, specific tripods and vacuum to suit your application.

Press the trigger, the feed is controlled via the piston and hydraulic control unit. No need to push, reduced risk of delamination in composite.

Run your cycle, when you release the trigger, your drill bit will retract automatically.



Technical data

All models:

- Air flow 1.4 l/s (30 cfm)
- Air inlet: 1/4"
- Hose int 10 mm (3/8")
- Collet Serie 200
- Shank diameter : 2.4-9.5 mm
- Internal threaded output (1/2"-20 UNF)
- Vibration level (m/s²): <2,5
- Sound pressure level (dBA): 75

Some parts (Bushings, tripods) will be specific to your application. Please contact your local Desoutter representative for support

Accessories & options

Collets Series 200

DESCRIPTION	PART NO.
Collet Ø2.4 to 3.2mm	615 526 061 0
Collet Ø3.2 to 4mm	615 526 151 0
Collet Ø3.7 to 4.5mm	615 526 152 0
Collet Ø4.2 to 5mm	615 526 153 0
Collet Ø 5.2 to 6mm	615 526 062 0
Collet Ø7.2 to 8mm	615 526 064 0
Collet Ø 8.7 to 9.5mm	615 526 065 0
Collet Ø1/4" (Ø5.55 to 6.35mm)	615 526 063 0



Customizable tripod and bushing

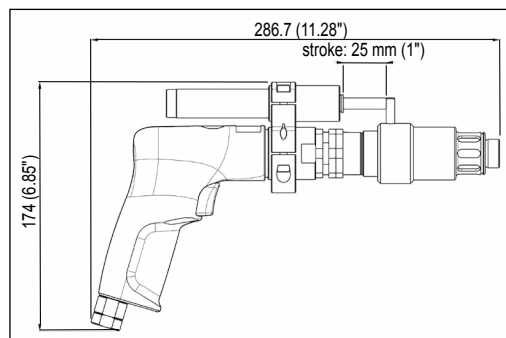


Vacuum



Side Lubrication

Dimensions

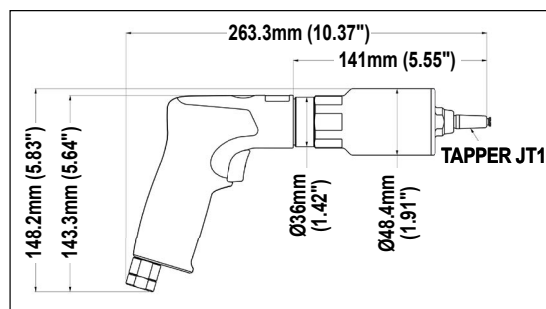


Tappers



A

T500 Series
0.5kW (0.68hp) / 400 & 600 rpm

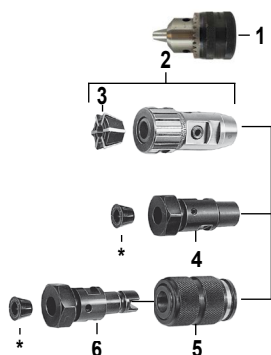


PIC REF	MODEL	PART NUMBER	FREE SPEED	REVERSE SPEED	MOTOR POWER		MAX. TAPPING TORQUE		WEIGHT		LENGTH		AIR FLOW		AIR INLET
			rpm	rpm	kW	hp	STEEL	ALUMINIUM	kg	lb	mm	in.	l/s	cfm	in.

TAPPERS

A	T500-P400	205 147 995 4	400	800	0.5	0.68	M10	M12	0.64	1.4	263	10.35	14	30	1/4
A	T500-P600	205 147 996 4	600	1200	0.5	0.86	M10	M12	0.64	1.4	263	10.35	14	30	1/4

All models T500-P: Hose int. 10 mm (3/8")



OPTIONAL ACCESSORIES

ITEM		PART NO.
1	Keyed chuck (1JT) - 0.8 to 10mm (3/8") (with key) T500-P400	29042
1	Keyed chuck (1JT) - 0.5 to 6.5mm (1/4") (with key) T500-P600	29492
	• Chuck key - T500-P400	29232
	• Chuck key - T500-P600	410213
2	Precision collet tap holder (including collet cap. M3 to M8)	29452
	• Collet capacity M3 to M7 (1/8" to 9/32")	29482
	• Collet capacity M4 to M8 (5/32" to 5/16")	29472
3	Collet capacity M6 to M12 (15/64" to 15/32")	97982
4	Tap Holder (1 JT)	69922
5	Quick Release Chuck (1 JT)	16852
6	Quick Release Tap Holder (1 JT)	69872

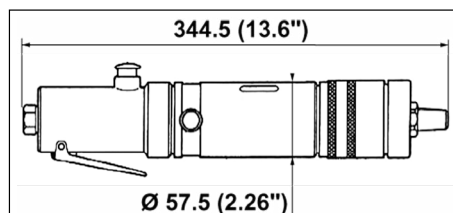
Collets for Tap Holders:

TAP SIZE		BA	SHANK DIA.		PART NO
mm	in.		mm		
M2.2 & M2.5		6 & 8	2.8		2612
M3	1/8	5	3.2		2632
M3.5		4	3.6		2652
M4			4.0		2672
M4.5		3	4.5		2702
M5	3/16	2	5.0		2722
M5.5	7/32	1	5.6		2752
M6	1/4	0	6.3		2792
M7	9/32		7.1		2832
M8 & M11	5/1 & 7/16		8.0		2872
M9 & M12	1/2		9.0		69882
M10	3/8		10.0		69892
*Wrench for Tap Holder collet nut					29443
*2mm A/F hexagon key for Tap Holder grub screws					206773



A

2H16 Series
Variable speed setting
90 to 500 rpm - 47 to 240 Nm



PIC REF	MODEL	PART NUMBER	LOW SPEED SETTING	HIGH SPEED SETTING	MAX. TAPPING TORQUE				WEIGHT		AIR FLOW		AIR INLET
			rpm	rpm	LOW SPEED	ft.lb	HIGH SPEED	ft.lb	kg	lb	l/s	cfm	in.

TAPPERS

A	2H16-L-160/500-B18	1434264	130	500	140	103	47	34.7	3.1	6.8	15.6	33	3/8
A	2H16-L-90/250-B18	1434344	90	250	240	177	90	66.4	3.1	6.8	15.6	33	3/8

All models 2H16-L: Hose int. 10mm (3/8")



Deburring tools & Rivet Shaver



A

C27 Serie
1450 rpm
Collet size 6,4mm (1/4")

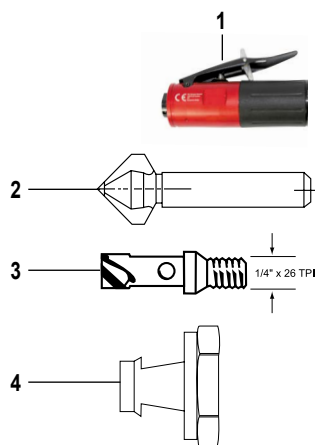


B

RS500 Series
18500 rpm

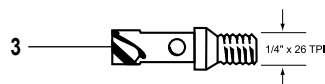
PIC REF	MODEL	PART NUMBER	FREE SPEED	COLLET SIZE	MAXIMUM CUTTER DIA.		WEIGHT		LENGTH		AIR FLOW		AIR INLET	HOSE INT. Ø	
			rpm	mm	mm	in.	kg	lb	mm	in.	l/s	cfm	in.	mm	in.
HOLE DEBURRING TOOLS – LEVER START (integral speed regulator)															
A	C27-LX-1450	615 176 115 0	1450	6.4 (1/4")*	–	–	0.68	1.5	220.5	8.68	9.5	20	1/4	6	1/4
RIVET SHAVER (for accessory 1/4"-26 WHIT)															
B	RS500-P18500	205 148 130 4	18500	–	14.3	9/16	1.2	2.6	212	8.35	14	30	1/4	10	3/8
RIVET SHAVER (for accessory 1/4"-28 UNF)															
B	RS500-P18500	205 148 129 4	18500	–	14.3	9/16	1.2	2.6	212	8.35	14	30	1/4	10	3/8

*: If speed adjustment is needed, you can do it with flow regulator PN LC121737



ACCESSORIES INCLUDED

ITEM	C27-LX	RS500
• ø 6.4mm (1/4") capacity collet	615 526 063 0	
1 Safety lever	205 050 288 3	
2 Cutter (90° point) – 10mm dia	91572	
3 Cutter – carbide tipped (11.1mm 7/16" dia)		70602
4 Cutter Guard		18822
• Wrench 19A/F	615 801 005 0	
• Collet Spindle Wrench	615 801 076 0	15533
• Cutter Guard Wrench		38873



OPTIONAL ACCESSORIES

ITEM	RS500
3 Cutter – carbide tipped ø6.4mm (ø1/4")	70572
3 Cutter – carbide tipped ø7.9mm (ø5/16")	70582
3 Cutter – carbide tipped ø9.5mm (ø3/8")	70592
3 Cutter – carbide tipped ø12.7mm (ø1/2")	70622
4 Cutter Guard ø6.4mm (ø1/4")	18782
4 Cutter Guard ø7.9mm (ø5/16")	18792
4 Cutter Guard ø9.5mm (ø3/8")	18802
4 Cutter Guard ø12.7mm (ø1/2")	18832
4 Cutter Guard ø14.3mm (ø9/16")	18842

Rack Feed Drills

- The Rack Feed Drill is a semi-fixed (nose mounted) portable drilling unit, utilising a manual feed through an integral "rack and pinion" mechanism to accommodate the approach drilling and retract cycles. This provides the user with complete control of the feed rate during drilling and allows the user to "feel" the feed rate required. Versatile and flexible, especially when drilling laminates and sandwich materials.
- RFD is suitable for drilling/reaming various materials used in the Aerospace industries e.g. Inconel, Titanium, Steel, Aluminium and Composites.



■ **RFD-100**
Speed range 60 to 2800 rpm
102mm (4") adjustable stroke
13mm (1/2") chuck capacity

■ **RFD-125**
Speed range 60 to 800 rpm
127mm (5") adjustable stroke
No. 2 Morse taper spindle



For a Vacuum Kit option, please contact your local Desoutter representative

How to select your tool?

- 1 Select material
- 2 Select hole size
- 3 Select tool

RFD Selection

DRILL Ø	TOOL TYPE – RPM			
	Inconel	1 Titanium	Mild Steel	Aluminium
3mm - 1/8"	RFD(T)-330/500	RFD(T)-500	RFD-2800	RFD-2800
5mm - 3/16"	RFD(T)-140/330	RFD(T)-330/500	RFD-1850	RFD-2800
6mm - 1/4"	RFD(T)-140	RFD(T)-140/330	RFD(T)-800	RFD-1850
8mm - 5/16"	RFD(T)-140	RFD(T)-140/330	RFD(T)-800	RFD(T)-800
10mm - 3/8" 2	RFD(T)-85/140	RFD(T)-140 3	RFD(T)-800	RFD(T)-800
13mm - 1/2"	RFD(T)-60/85	RFD(T)-85/140	RFD(T)-500	RFD(T)-800
16mm - 5/8"		RFD(T)-85/140	RFD(T)-330	RFD(T)-800
19mm - 3/4"		RFD(T)-60/85	RFD(T)-85/140	RFD(T)-330/500
25mm - 1"			RFD(T)-60/85	RFD(T)-140/330

Use selection data as a guide only

MODEL	PART NUMBER	FREE SPEED	MAX STROKE		OUTPUT SPINDLE	CHUCK SPINDLE	LENGTH		WEIGHT		AIR FLOW		AIR INLET
		rpm	mm	in.		in.	mm	in.	kg	lb	l/s	cfm	in.
RFD													
RFD-100-2800	681214	2800	102	4		1/2-20 UNF	652	25.67	3.9	8.6	11.8	25	1/4
RFD-100-1850	681394	1850	102	4		1/2-20 UNF	652	25.67	3.9	8.6	11.8	25	1/4
RFD-100-800	680084	800	102	4	Chuck	5/8-16 UNF	652	25.67	3.9	8.6	11.8	25	1/4
RFD-100-500	680164	500	102	4	13mm	5/8-16 UNF	652	25.67	3.9	8.6	11.8	25	1/4
RFD-100-330	680244	330	102	4	(1/2")	5/8-16 UNF	652	25.67	3.9	8.6	11.8	25	1/4
RFD-100-140	1457364	140	102	4	capacity	5/8-16 UNF	652	25.67	3.9	8.6	11.8	25	1/4
RFD-100-85	1457374	85	102	4		5/8-16 UNF	652	25.67	3.9	8.6	11.8	25	1/4
RFD-100-60	1457384	60	102	4		5/8-16 UNF	652	25.67	3.9	8.6	11.8	25	1/4
RFD125													
RFD125-800	1445654	800	127	5			764	30.08	5.5	12.1	11.8	25	1/4
RFD125-500	1445664	500	127	5	No. 2		764	30.08	5.5	12.1	11.8	25	1/4
RFD125-330	1445674	330	127	5	Morse		764	30.08	5.5	12.1	11.8	25	1/4
RFD125-140	1445504	140	127	5	Taper		764	30.08	5.5	12.1	11.8	25	1/4
RFD125-85	1445514	85	127	5			764	30.08	5.5	12.1	11.8	25	1/4
RFD125-60	1445524	60	127	5			764	30.08	5.5	12.1	11.8	25	1/4

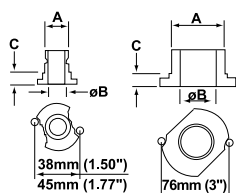
All models: Hose int. 10 mm (3/8")

ACCESSORIES INCLUDED

	PART NUMBER	
	RFD	RFD T
• Chuck with key capacity 13mm (5/8"x16)	29122	-
• Chuck with key capacity 13mm (1/2")	29142	-
• Extended Nose (1" x 14 LH nose thread)	251043	-
• Bayonet Plate – 45mm (1.77") centres	251063	-
• Bayonet Plate – 76mm (2.99") centres	-	35223

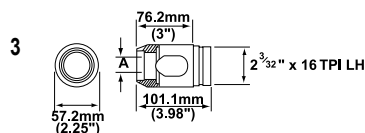
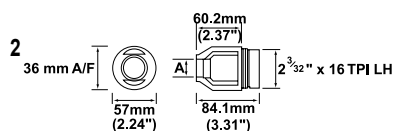
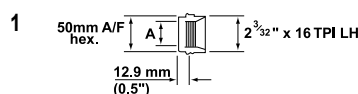
OPTIONAL ACCESSORIES

For more details on the following Part Numbers, please contact your local Desoutter representative



Bayonet Plates

	A	Ø B	C
Locating centres – 38mm (1.50")	3/4" x 16 (LH)	14.2mm (0.559")	9.5mm (3/8")
Locating centres – 45mm (1.77")	1" x 14 (LH)	19.05mm (3/4")	9.5mm (3/8")
Locating centres – 45mm (1.77")	11/8" x 20 (LH)	19.05mm (3/4")	9.5mm (3/8")
Locating centres – 76mm (2.99")	23/32" x 16 (LH)	38.1mm (1.150")	12.7mm (1/2")

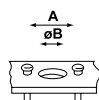
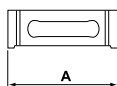


Nose Attachments

NOSE TYPE	TO SUIT BAYONET PLATE CENTRES	THREAD 'A'
1	38mm (1.50")	3/4" x 16 (LH)
2	38mm (1.50")	3/4" x 16 (LH)
2	45mm (1.77")	1" x 14 (LH)
3	-	1-1/4" x 12 (LH)
3	-	1-1/4" x 12 (LH)
3	-	2" x 16 (LH)

Extension Tubes

NOMINAL STROKE AVAILABLE TO DRILL	LENGTH 'A'
• 80mm (3.15")	170mm (6.69")



Jig Plates

CENTRE "A"
38mm (1.50")
45mm (1.77")

Drill bushes

ATTACHMENT	"Ø B"
Ø 14.2mm	Ø 10 to 14mm
Ø 19.05mm	Ø 10 to 18mm
Ø 38.01mm	Ø 22 to 35mm

For dimension 'ØB' please ask for details of our range of drill bushes

Compression Tools



SQUEEZERS

- Wide range of Alligator Jaws & C-Yokes tools.
- Excellent power-to-weight ratio.
- Fast and slow approach.
- Robust and reliable design.

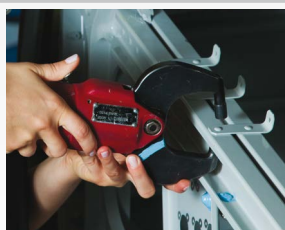
How to select the right tool?



1

Rivet

Material
Diameter



2

Application

Accessibility
Customer specification



3

Select tool

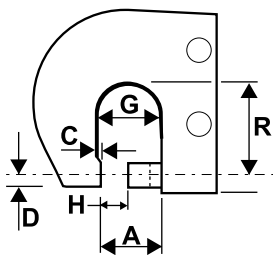
Power required (p.189)
C-Yoke or Alligator
Gap & Reach figures



4

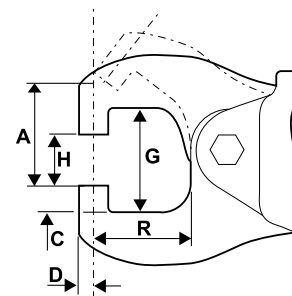
Select Rivet set & shims

Rivet set shank
Rivet set type
Rivet set length



Jaw and Yoke Terminology:
(rivet sets are not in place
in this illustration)

A Throat gap
C Anvil work clearance
D Lower offset
G Total yoke gap
H Closed height
R Reach



C YOKE MODEL	A		C		D		G		H		R	
	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
CP0214CELEL	32	1-1/4	-	-	5	3/16	32	1-1/4	17.5	11/16	38	1-1/2
CP0214FALEL	32	1-1/4	-	-	5	3/16	32	1-1/4	17.5	11/16	38	1-1/2
CP0214SETEL	32	1-1/4	-	-	6.4	1/4	32	1-1/4	17.5	11/16	38	1-1/2
CP0214KETEL	32	1-1/4	-	-	6.4	1/4	32	1-1/4	17.5	11/16	38	1-1/2
CP0351CUDEL	39	1-17/32	-	-	5.5	7/32	29	1-5/32	20	25/32	54	2-1/8
CP0351FUDEL	39	1-17/32	-	-	5.5	7/32	29	1-5/32	20	25/32	54	2-1/8
CP0341CUDEL	57	2-1/4	3	1/8	9	11/32	70	2-3/4	25	1	54	2-1/8
CP0214FAXEL	44	1-3/4	-	-	5	3/16	44	1-3/4	17.5	11/16	50.8	2.5
CP0214FAREL-5	36	1,417	-	-	8	0,313	36	1,417	17/20	0,669	50	1,969
CP0214 CEREL-5	36	1,417	-	-	8	0,313	36	1,417	17/20	0,669	50	1,969

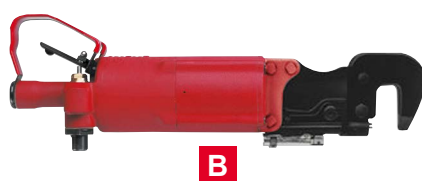
ALLIGATOR MODEL	A		D		G		H		R	
	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
CP0214ANGEL	54	2-1/8	5.5	7/32	54	2-1/8	22	7/8	76	3
CP0214ENGEL	54	2-1/8	5.5	7/32	54	2-1/8	22	7/8	76	3
CP0214ANFEL	48	1-7/8	5.5	7/32	54	2-1/8	22	7/8	57	2-1/4
CP0214ENFEL	48	1-7/8	5.5	7/32	54	2-1/8	22	7/8	57	2-1/4
CP0214ENCENL-5	48	1-7/8	5.5	7/32	54	2-1/8	22	7/8	57	2-1/4
CP0214ANBEL	38	1-1/2	5.5	7/32	41	1-5/8	22	7/8	38	1-1/2
CP0214ENBEL	38	1-1/2	5.5	7/32	41	1-5/8	22	7/8	38	1-1/2
CP0351ASVEL	62	2-7/16	5.5	7/32	56	2-3/16	19	3/4	232	9-1/8
CP0351ESVEL	62	2-7/16	5.5	7/32	56	2-3/16	19	3/4	232	9-1/8
CP0351ESREL	81	3-3/16	5.5	7/32	51	2	38	1-1/2	178	7
CP0351ASKEL	57	2-1/4	5.5	7/32	41	1-5/8	22	7/8	127	5
CP0351ESKEL	57	2-1/4	5.5	7/32	41	1-5/8	22	7/8	127	5
CP0351ASGEL	38	1-1/2	5.5	7/32	41	1-5/8	22	7/8	73	2-7/8
CP0351ESGEL	38	1-1/2	5.5	7/32	41	1-5/8	22	7/8	73	2-7/8



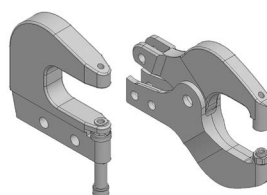
Riveting Compression Tools



A



B



New available adjustable rivet set holders for C-Yoke & Alligator tools
Comes with 5mm rivet set shank
Search for the "-5" tools in the list below



C



D



E

CP0214

CP0351

CP0341 - Pneumatic TM --> Full power through the full stroke

PIC REF	MODEL	PART NUMBER	CAPACITY				MAX FORCE		MOVING PLUNGER				STANDARD YOKE DIMENSIONS				LENGTH		WEIGHT	
			LIGHT		HARD		(90 PSI/ 6.2 BAR)		MAX TRAVEL		FINAL PART OF STROKE AT MAX. FORCE		REACH R		CLOSED HEIGHT H					
			mm	in.	mm	in.	kN	lb	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	kg	lb

C-YOKE (single cylinder)

A	CP0214CELEL*	T012344	3.2	1/8	2.4	3/32	13.35	3,000	14.3	9/16	1.3	0.050	38.1	1-1/2	17.5	11/16	262	10.3	2.0	4.41
A	CP0214CEREL-5	6151710160	3.2	1/8	2.4	3/32	13.35	3,000	14.3	9/16	1.3	0.050	50	1,969	17/20	0,669/0,787	262	10.3	2.0	4.41
	CP0214CENEL	T018677	Same power unit as above without yoke																	
A	CP0214SETEL**	T023474	3.2	1/8	2.4	3/32	13.35	3,000	14.3	9/16	1.3	0.050	38.1	1-1/2	17.5	11/16	262	10.3	2.0	4.41
B	CP0351CUDEL*	T008955	4.8	3/16	4.0	5/32	26.70	6,000	14.3	9/16	3.2	0.125	54	2-1/8	19.8	25/32	445	17.5	5.7	12.6
	CP0351CUNEL	T007772	Same power unit as above without yoke																	

C-YOKE (tandem cylinder)

A	CP0214FALEL*	T013152	4.8	3/16	4.0	5/32	26.70	6,000	14.3	9/16	1.6	0.063	38.1	1-1/2	17.5	11/16	356	14	2.5	5.5
A	CP0214FALEL-5	6151710150	4.8	3/16	4.0	5/32	26.70	6,000	14.3	9/16	1.6	0.063	50	1,969	17/20	0,669/0,787	356	14	2.5	5.5
A	CP0214FAXEL*	T022528	4.8	3/16	4.0	5/32	26.70	6,000	14.3	9/16	1.6	0.063	50.8	2.5	17.5	11/16	366	14.4	2.6	5.7
	CP0214FANEL	T018430	Same power unit as above without yoke																	
A	CP0214KETEL**	T023475	4.8	3/16	4.0	5/32	26.70	6,000	14.3	9/16	1.6	0.063	38.1	1-1/2	17.5	11/16	356	14	2.5	5.5
B	CP0351FUDEL*	T012608	6.4	1/4	5.6	7/32	53.40	12,000	14.3	9/16	3.2	0.125	54	2-1/8	19.8	25/32	552	21.7	6.9	15.2

ALLIGATOR (single cylinder)

C	CP0214ANBEL*	T012343	3.2	1/8	2.4	3/32	13.35	3,000	15.9	5/8	1.3	0.050	38.1	1-1/2	22.2	7/8	233	9.17	1.7	3.75
C	CP0214ANFEL*	T018671	2.4	3/32	2.4	3/32	9.79	2,200	22.2	7/8	2.4	0.094	57.1	2-1/4	22.2	7/8	254	10	1.9	4.18
C	CP0214ANGEL*	T018672	2.4	3/32	1.6	1/16	8.01	1,800	31.8	1-1/4	1.4	0.056	76.2	3	22.2	7/8	273	10.7	2.0	4.41
	CP0214ANPEL	T019138	Same power unit as above without yoke																	
D	CP0351ASGEL*	T007783	4.0	5/32	3.2	1/8	23.14	5,200	15.9	5/8	3.2	0.125	73	2-7/8	22.2	7/8	495	19.5	7.1	15.6
D	CP0351ASKEL*	T007773	3.2	1/8	2.4	3/32	15.13	3,400	34.0	1-3/8	4.8	0.188	127	5	22.2	7/8	549	21.6	9.0	19.8
	CP0351ASNEL	T025405	Same power unit as above without yoke																	
D	CP0351ASVEL*	T009582	3.2	1/8	2.4	3/32	13.35	3,000	42.9	1-11/16	1.6	0.063	232	9-1/8	19.1	3/4	654	25.7	11.9	26.2

ALLIGATOR (tandem cylinder)

C	CP0214ENGEL*	T018164	3.2	1/8	2.4	3/32	15.13	3,400	31.8	1-1/4	2.6	0.104	76.2	3	22.2	7/8	343	13.5	2.5	5.51
C	CP0214ENFEL*	T018163	4.0	5/32	3.2	1/8	19.14	4,300	22.2	7/8	2.4	0.094	57.1	2-1/4	22.2	7/8	324	12.8	2.4	5.28
C	CP0214ENFEL-5	6151710170	4.0	5/32	3.2	1/8	19.14	4,300	22.2	7/8	2.4	0.094	57.1	2-1/4	17.2/22.2	0.68/0.87	324	12.8	2.4	5.28
C	CP0214ENBEL*	T018678	4.8	3/16	4.0	5/32	26.70	6,000	15.9	5/8	1.6	0.063	38.1	1-1/2	22.2	7/8	303	11.9	2.2	4.85
	CP0214ENPEL	T018997	Same power unit as above without yoke																	
D	CP0351ESKEL*	T012603	4.8	3/16	4.0	5/32	30.26	6,800	34.0	1-3/8	4.8	0.188	127	5	22.2	7/8	657	25.9	10.2	22.5
D	CP0351ESREL*	T012604	4.8	3/16	4.0	5/32	26.70	6,000	42.9	1-11/16	4.8	0.188	178	7	38.1	1-1/2	708	27.9	12.2	26.9
D	CP0351ESVEL*	T012605	4.8	3/16	4.0	5/32	26.70	6,000	42.9	1-11/16	1.6	0.063	232	9-1/8	19.1	3/4	762	30	13.2	29.1
D	CP0351ESGEL*	T012602	6.4	1/4	4.8	3/16	46.28	10,400	15.9	5/8	3.2	0.125	73	2-7/8	22.2	7/8	603	23.7	8.4	18.5

C-YOKE (pneumatic™)

5 PORT (pneumatic)											
E	CP0341CUDEL**	T022512	7.1	9/32	6.4	1/4	60.1	13,500	31.8	1-1/4	Full stroke
	CP0341CUNEL	T022493	Same power unit as above without yoke								

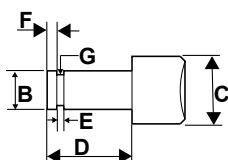
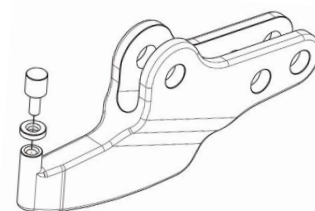
* CR1 / ** CR2 // -5 = 5mm rivet set shank

Compression Tools - Riveting

Rivet set shank (CR1/CR2)

SHANK DIMENSIONS FOR RIVET SETS

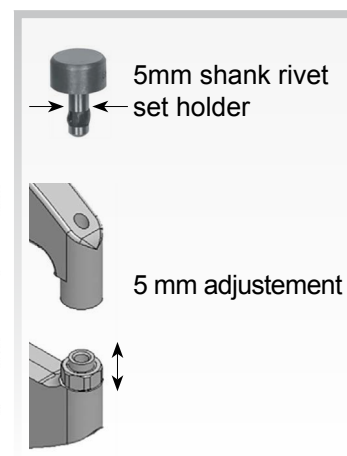
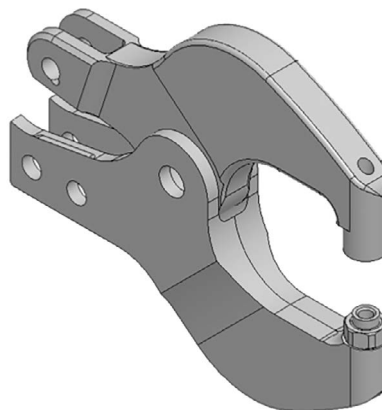
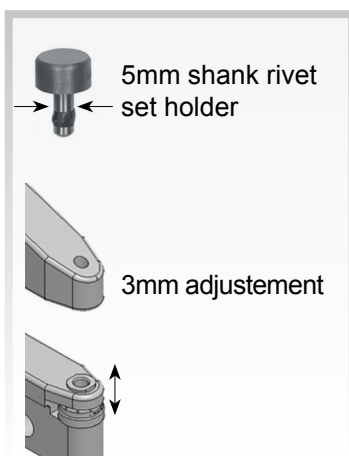
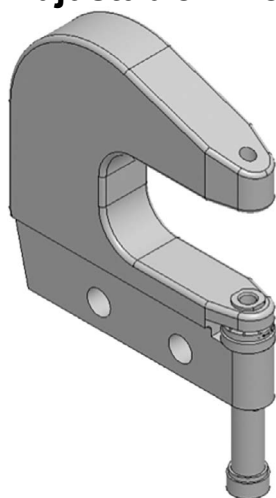
For CP0214, CP0351 and CP0341 Compression Riveters



TYPE OF RIVET SET SHANK	B		C*		D		E		F		G	
	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
CR-1 (ø 4.8mm 3/16")	4.75-4.72	0.187-0.186	12.7	1/2	12.7	1/2	3.45-3.38	0.136-0.133	1.6	1/16	3.23-3.12	0.127-0.123
CR-2 (ø 6.4mm 1/4")	6.42-6.40	0.249-0.248	15.9	5/8	15.9	5/8	3.45-3.38	0.136-0.133	2.4	3/32	4.80-4.70	0.189-0.185

* 'C' dimension is for flush set only. 'C' varies on cupped sets according to rivet size and type of head.

Adjustable Rivet set shank 5mm



Rivet set length calculation

To develop maximum power, the riveter must drive (set) the rivet at the end of the riveter's stroke
For maximum power the combined length of the two rivet sets must be of the correct length

$$A1 + A2 = H - M - Z$$

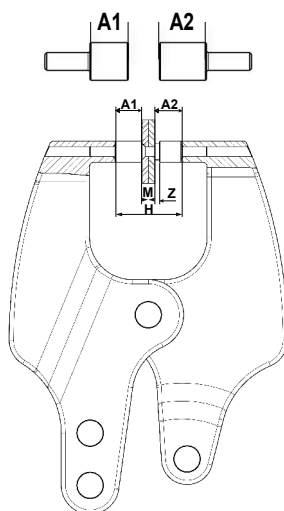
A1: Rivet set thickness (mobile jaw)

A2: Rivet set thickness (fix jaw)

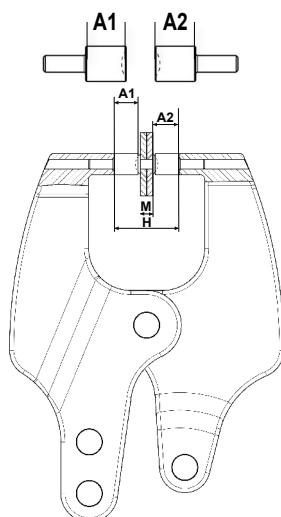
H= Opening at the end of the riveting

M= Total thickness of material to be assembled

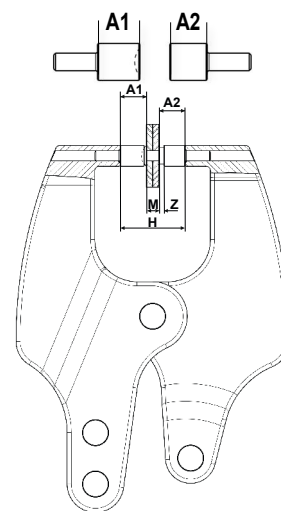
Z= height of finished rivet head (flush)



Two Flushed rivet sets



Two cupped rivet sets
Z = 0



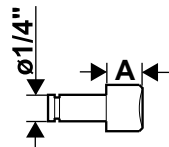
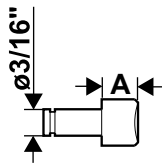
1 flushed rivet + cupped rivet set



Compression Tools - Rivet sets

Rivet set Selection

CUPPED SETS



RIVET DIAMETER		'A' BODY		AN-470 UNIVERSAL
mm	in.	mm	in.	

CR-1 SHANK RIVET SETS FOR CP0214 and CP0351 - CUPPED SETS

(C-Yoke tools - CP0214 CELEL, FALEL, CUDEL, FUEDEL + all Alligator Yoke tools)

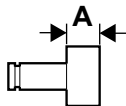
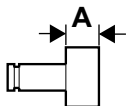
2.4	3/32	6.4	1/4	P089430
2.4	3/32	9.5	3/8	P089431
2.4	3/32	12.7	1/2	P089432
3.2	1/8	6.4	1/4	P089435
3.2	1/8	9.5	3/8	P089436
3.2	1/8	12.7	1/2	P089437
4.0	5/32	6.4	1/4	P089440
4.0	5/32	9.5	3/8	P089441
4.0	5/32	12.7	1/2	P089442
4.8	3/16	6.4	1/4	P089445
4.8	3/16	9.5	3/8	P089446
4.8	3/16	12.7	1/2	P089447

CR-2 SHANK RIVET SETS FOR CP0214 and CP0341 - CUPPED SETS

(C-Yoke tools - CP0214 SETEL, KETEL + CP0341 CUDEL)

3.2	1/8	6.4	1/4	P089510
3.2	1/8	9.5	3/8	P089511
3.2	1/8	12.7	1/2	P089512
4.0	5/32	6.4	1/4	P089515
4.0	5/32	9.5	3/8	P089516
4.0	5/32	12.7	1/2	P089517
4.8	3/16	6.4	1/4	P089520
4.8	3/16	9.5	3/8	P089521
4.8	3/16	12.7	1/2	P089522
6.4	1/4	6.4	1/4	P089525
6.4	1/4	9.5	3/8	P089526
6.4	1/4	12.7	1/2	P089527

FLUSH SETS for any rivet size

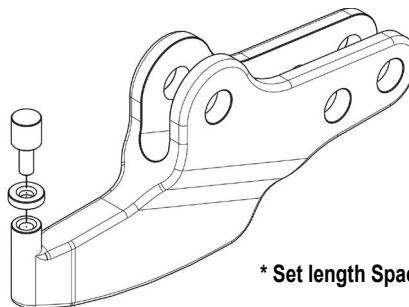


SHANK SIZE	'A' BODY LENGTH					
	3.2mm (1/8")	6.4mm (1/4")	9.5mm (3/8")	12.7mm (1/2")	15.8mm (5/8")	19mm (3/4")
CR-1 (ø 4.8mm 3/16")	P089495	P089496	P089497	P089498	P089499	P089500
CR-2 (ø 6.4mm 1/4")	-	P089501	P089502	P089503	P089504	-

SOFT SETS BLANKS

TYPE OF RIVET SET SHANK	A BODY LENGTH		B BODY DIA.		PART NO.
	mm	in.	mm	in.	
CR-1 (ø 4.8mm 3/16")	19.1	3/4	15.9	5/8	P093672
CR-2 (ø 6.4mm 1/4")	19.1	3/4	19.1	3/4	P093673

RIVET SET * SHIM



* Set length Spacer Shims

SET LENGTH SPACER SHIMS

TYPE OF RIVET SET SHANK	PART NUMBER OF HARDENED SHIMS		
	0.4mm (1/64")	0.8mm (1/32")	1.6mm (1/16")
CR-1	P083254	P083255	P083256
CR-2	-	P083257	-

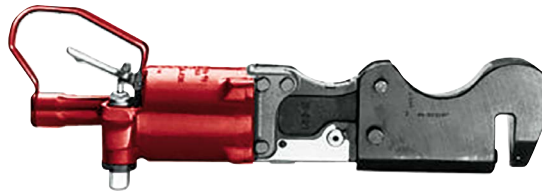
RIVET SET

TYPE OF RIVET SET SHANK	RETAINER RING
	PART NO.
CR-1	P071916
CR-2	P071917

Compression Tools – Sheet Metal Punch

CP0351-PU

- **Punching Capacity:**
ø 4.8mm (3/16") in aluminum
through 4.8mm (3/16") material thickness
- **Actuation throttle guard:**
reduces the risk of accidental operation
- Use for a wide range of punching operations
where it is preferable to take the tool to the job.
e.g. large structures such as truck trailers



Capacity:

Maximum hole is ø 13mm (1/2") relative to material and thickness.

Within maximum force of 24.0 kN – 5,400 lbs, material thickness should not exceed hole diameter.

To determine force required use formula: $F = 3.14 \times D \times T \times S$

where 'F' is force (lbs); 'D' is hole diameter (in.); 'T' is thickness of material (in.); 'S' is tensile strength of material (psi) or 'F' is force (kN); 'D' is hole diameter (mm); 'T' is thickness of material (mm); 'S' is tensile strength of material (N/mm²).

Accessories supplied with tool

HOLE SIZE IN ALUMINUM	PUNCH	DIE	COLLAR
ø 4.8mm (3/16")	P041307	P043009	P041309
ø 5.2mm (13/64")	P112836	P112837	P112838

MODEL	PART NUMBER	MAX. MATERIAL THICKNESS ALUM.		HOLE DIAMETER		MAX. DISTANCE EDGE OF SHEET TO HOLE CENTRELINE		MAX. PUNCHING FORCE (90 PSI/6.2 BAR)		WORK CLEARANCE PUNCH RETRACTED	
		mm	in.	mm	in.	mm	in.	kN	lb	mm	in.
CP0351PU	205 146 721 4	4.8	3/16	5.2	13/64	47.6	1-7/8	24.0	5400	12.7	1/2

Compression Tools – Edge Former

CP0351-CABH-DY

- Forming Capacity (max material thickness) – 6.4mm (1/4")
- Rotary Suspension Bail fitted – eases handling and orientation of tool
- Use for a wide range of flattening of spot welded flanges and removing bends
- Custom yokes and dies can be used for crimping and staking operations
- Automatic cycling frequency is adjustable from 1 cycle per throttle actuation to up to 200 cycles per minute whilst the throttle actuation is maintained.



Accessories supplied with tool

	PART NUMBER
• Yoke	P059557
• Die	P059556

MODEL	PART NUMBER	MAX. MATERIAL THICKNESS ALUM.		MAX. CYCLES PER MINUTE	REACH		MAX. COMPRESSIVE FORCE (90 PSI/6.2 BAR)	
		mm	in.		mm	in.	kN	lb
CP0351-CABH-DY	T020475	6.4	1/4	200	14.4	9/16	26.7	6000



Riveting Hammers



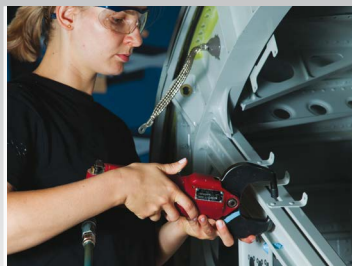
- Wide range of hammers suitable for all applications.
- Recoilless series for better operator's comfort.
- Progressive trigger for better control.

How to select the right tool?



1

Rivet
Light/Hard Material
Diameter



2

Application
accessibility



3

Operation repetitiveness
Low vibration level



4

Rivet set
selection

Tool range

Our range covers a wide range of applications to answer all your requirements



CP4444-1



CP4444



CP4447



CP4450



CP4475

Riveting Hammers

Selection guide



PIC REF	MODEL	PART NUMBER	AIR FRAME REF	BLOW PER MINUTE	BORE & STROKE	ENERGY PER BLOW		CHISEL SHANK		RIVET CAPACITY		WEIGHT		AIR INLET	HOSE INT. Ø	
					mm (in.)	J	ft.lb	mm	in.	mm (in.)	mm (in.)	kg	lb	in.	mm	in.

Standard

A	CP4444-1	205 147 938 4	2X (200)	2580	15 x 40 (19/32 x 1.47)	4.4	3.2	10.2	0.401	3.2 (1/8)	2.4 (3/32)	1.2	2.6	1/8	10	3/8
B	CP4444-RURAB	T022961	2X (200)	2580	12.7 x 50.8 (1/2 x 2)	4.0	2.9	10.2	0.401	3.2 (1/8)	2.4 (3/32)	1.0	2.2	1/4	10	3/8
B	CP4444-RUSAB	T022962	3X (300)	2160	12.7 x 76.2 (1/2 x 3)	6.1	4.5	10.2	0.401	4.8 (3/16)	4.0 (5/32)	1.1	2.3	1/4	10	3/8
B	CP4444-RUTAB	T022963	4X (240)	1740	12.7 x 101.6 (1/2 x 4)	8.1	6.0	10.2	0.401	6.4 (1/4)	4.8 (3/16)	1.3	2.7	1/4	10	3/8
C	CP4447-RUSAB	T022965	5XB (500)	1560	19.1 x 68.3 (3/4 x 2-11/18)	12.3	9.1	12.7	0.498	6.4 (1/4)	4.8 (3/16)	2.2	4.7	1/4	10	3/8
C	CP4447-RUTAB	T022912	7XB (700)	1140	19.1 x 98.4 (3/4 x 3-7/8)	17.8	13.1	12.7	0.498	7.9 (5/16)	6.4 (1/4)	2.3	5.1	1/4	10	3/8
C	CP4447-RUVAB	T022964	9XB (800)	900	19.1 x 147.6 (3/4 x 5-13/16)	26.6	19.6	12.7	0.498	9.5 (3/8)	7.9 (5/16)	2.7	9.0	1/4	10	3/8

Vibration reduced

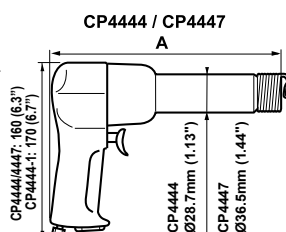
D	CP4450-2	T025189	2X (200)	2580	12.7 x 50.8 (1/2 x 2)	4.0	2.9	10.2	0.401	3.2 (1/8)	2.4 (3/32)	1.2	2.7	1/4	10	3/8
D	CP4450-3	T025190	3X (300)	2160	12.7 x 76.2 (1/2 x 3)	6.1	4.5	10.2	0.401	4.8 (3/16)	4.0 (5/32)	1.3	2.8	1/4	10	3/8
D	CP4450-4	T025191	4X (400)	1740	12.7 x 101.6 (1/2 x 4)	8.1	6.0	10.2	0.401	6.4 (1/4)	4.8 (3/16)	1.5	3.2	1/4	10	3/8
E	CP4475-3	T025241	5XB (500)	2000	19.1 x 76.2 (3/4 x 3)	13.7	10.1	12.7	0.498	6.4 (1/4)	4.8 (3/16)	1.8	3.9	1/4	10	3/8
E	CP4475-4	T025242	7XB (700)	1700	19.1 x 101.6 (3/4 x 4)	18.3	13.5	12.7	0.498	7.9 (5/16)	6.4 (1/4)	2.4	5.3	1/4	10	3/8
E	CP4475-6	T025243	9XB (800)	1250	19.1 x 152.4 (3/4 x 6)	27.5	20.3	12.7	0.498	9.5 (3/8)	7.9 (5/16)	2.8	6.2	1/4	10	3/8

* LIGHT: Aluminium 2017 / 2117 (DCJ-DXJ / D-AD)

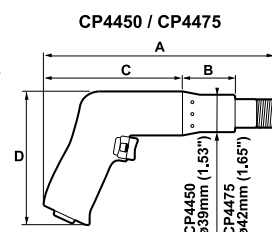
** HARD: Aluminium 7050 (DKJ / KE / E) (M) (T)

Dimensions

Model	A	
	mm	in.
CP4444-1	111	4.4
CP4444-RURAB	170	6.7
CP4444-RUSAB	186	7.3
CP4444-RUTAB	211	8.3
CP4447-RUSAB	227	8.9
CP4447-RUTAB	252	9.9
CP4447-RUVAB	303	11.9



Model	A		B		C		D	
	mm	in.	mm	in.	mm	in.	mm	in.
CP4450-2	213	8.4	32	1.26	102	4.0	138	5.4
CP4450-3	226	8.9	32	1.26	102	4.0	138	5.4
CP4450-4	251	9.9	60	2.36	102	4.0	138	5.4
CP4475-3	275	10.8	54	2.13	180	7.1	140	5.5
CP4475-4	300	11.8	79	3.11	180	7.1	140	5.5
CP4475-6	351	13.8	130	5.12	180	7.1	140	5.5



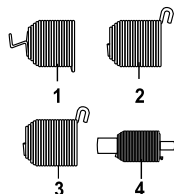
CP4444 / CP4447 / CP4450 / CP4475

ACCESSORIES INCLUDED

	PART NUMBER		
	CP4444-1	CP4444 CP4450	CP4447 CP4475
• Light wire quick change retainer	205 053 564 3	A046095	-
• Wire quick change retainer	-	-	A047095

OPTIONAL ACCESSORIES

ITEM	CP4444 CP4450	CP4447 CP4475
1 Zip-Quick retainer	A046094	-
2 Beehive retainer	A046096	A047096
3 Beehive retainer	-	A046096
4 Nail driving attachment for 20-60 penny nail size (for CP4447-RUSAB & CP4475)	-	P042448



CP4444 / CP4450

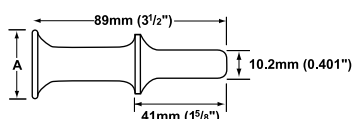
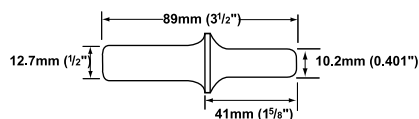
TYPE I RIVET SETS Ø 10.2MM (.401")

RIVET HEAD CUPPING	2.4MM (3/32")	3.2MM (1/8")	4.0MM (5/32")	4.8MM (3/16")	6.4MM (1/4")
• Universal	P089221	P089222	P089223	P089224	P089225*
• Soft Blank Set	P071108	-	-	-	-
• Hardened Blank Set	P080178	-	-	-	-

* Must use Light Wire Quick-Change Retainer, A046095 with these sets

TYPE I FLUSH RIVET SETS Ø 10.2MM (.401")

	ØA MM (IN.)	CP4444/4450 Ø10.2 (0.401") SHANK
•	25.4 (1)	A046090
•	31.8 (1-1/4)	A089232
•	38.1 (1-1/2)	A089233
•	44.5 (1-3/4)	A046091



CP4447 / CP4475

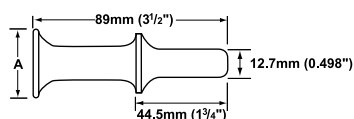
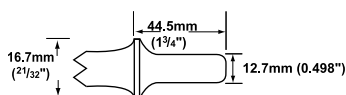
TYPE D RIVET SETS Ø 12.7MM (.498")

RIVET HEAD CUPPING	4.8MM (3/16")	6.4MM (1/4")	6.4MM (1/4")
• Universal	P089252	P089253	P089254*
• Soft blank set	P070995	-	-
• Hardened blank set	P080198	-	-

* Must use Light Wire Quick-Change Retainer, A047095

TYPE I FLUSH RIVET SETS Ø 12.7MM (.498")

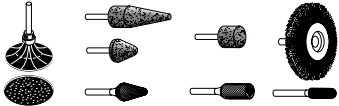
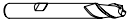
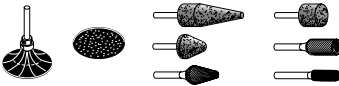
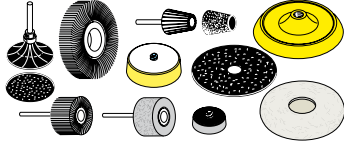
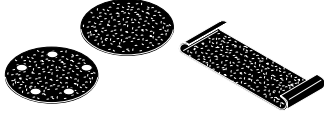
	ØA MM (IN.)	SHANK Ø12.7MM (0.498")
•	31.8 (1-1/4)	A047091



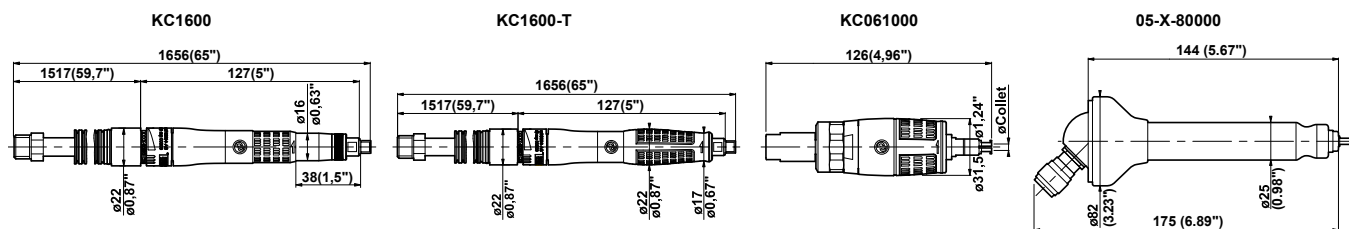
Removal Tools



Removal Tools - Selection Guide

TOOL TYPE	ACCESSORIES	PAGE
GRINDERS: for carbide burrs, mounted points & sanding discs 		210-217
ROUTERS 		218
COLLET GRINDER ACCESSORIES		219
GRINDERS: for cone wheels, type 1 wheels, depressed center wheels, cut-off wheels, diamond discs, flap wheels 		220-235
SANDERS: for expandable wheels, flap wheels, brushes, abrasive discs 		236-245
DUST EXTRACTION SYSTEMS: for straight and angle grinders for angle and vertical sanders 		246-253
RANDOM ORBITAL SANDERS AND POLISHERS: for abrasive discs and polishing accessories ORBITAL SANDERS: for abrasive sheets 		254-265
BELT SANDERS 		266-267

Accessories



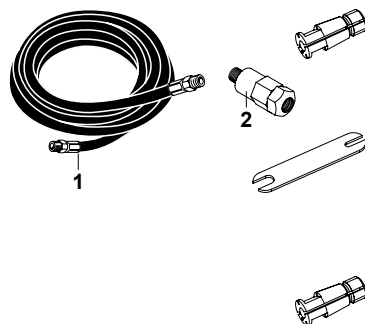
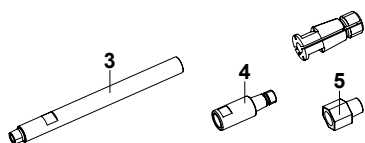
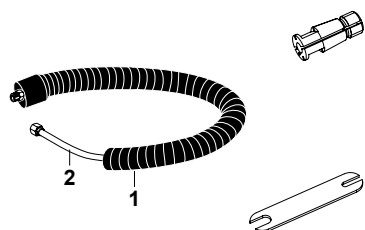
KC1600-T / KC1600

ACCESSORIES INCLUDED

ITEM	PART NO.
• Collet ϕ 3 mm	205 047 961 3
1 Exhaust kit - L = 1m (39.4")	615 396 405 0
2 Mounted inlet hose 1/4" BSP - ϕ 6mm (1/4") - L = 1.5m (59")	615 875 119 0
• Spanner (Qty 2)	205 047 965 3
• Carrying case (for T version only)	P137979

OPTIONAL ACCESSORIES

ITEM	PART NO.
• Collet ϕ 2.38 mm (3/32")	205 048 059 3
3 Machine extension - L = 150mm (5.9")	615 595 330 0
4 Collet extension - L = 20mm (0.79")	615 595 329 0
5 Adaptor 1/4" BSP - 1/4" NPT female	181523



KC061000 / 05-X-80000

ACCESSORIES INCLUDED

ITEM	KC061000	05-X-80000
• Collet ϕ 3 mm	205 047 961 3	9812
1 Complete inlet hose 1/8"M - 1/4"M, ϕ 5mm (3/16") L = 2.40m (94.5")	P043886	
2 Filter 1/4" F-1/4"M. NPT	P056381	
• Spanner (Qty 2)	205 047 965 3	

OPTIONAL ACCESSORIES

	KC061000	05-X-80000
• Collet ϕ 2.38mm (3/32")	205 048 059 3	9792
1 Complete inlet hose 1/4"M - 1/8"M-BSP, ϕ 5mm (3/16") L = 3m (118")		75922



Grinders for carbide burrs and mounted points

44 to 100 Watts (0.06 to 0.13 hp) - 60000 to 100000 rpm



A



B



C

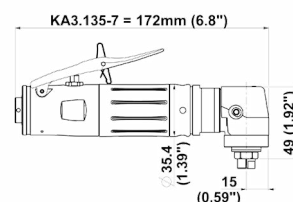
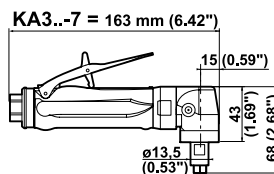
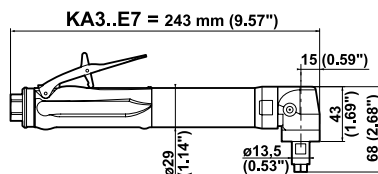
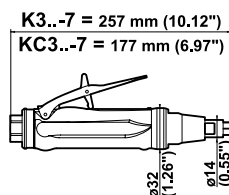


D

Caution: comply with the speeds recommended by component and abrasive manufacturers.

PIC REF	MODEL	PART NUMBER	FREE SPEED	COLLET MAX CAPACITY		POWER		WEIGHT		AIR CONSUMPTION		AIR INLET. THREAD	HOSE INT. Ø	
				mm	in.	W	hp	kg	lb.	l/s	cfm		in.	mm
			rpm	mm	in.	W	hp	kg	lb.	l/s	cfm	in.	mm	in.
Pencil die grinders														
A	KC1600-T	615 170 313 0	60000	3.00		100	0.13	0.15	0.33	4.9	10.4	1/4 BSP	6	1/4
B	KC1600	615 170 315 0	60000	3.00		100	0.13	0.15	0.33	4.9	10.4	1/4 BSP	6	1/4
Turbine grinders														
C	KC061000	205 146 638 4	100000	3.00		44	0.06	0.24	0.53	8.5	18.0	1/4	5	3/16
D	05-X-80000	258984	80000	3.17	1/8	75	0.1	0.30	0.66	2.8	5.9	1/8	5	3/16

Accessories



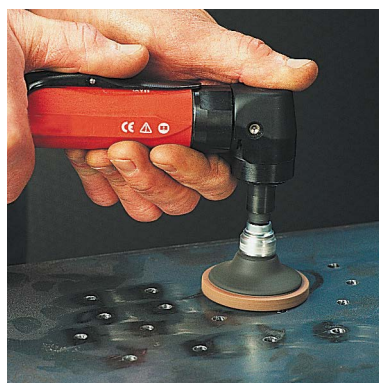
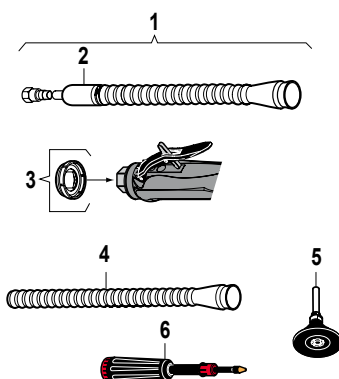
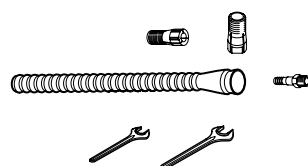
K3..-7 / KC3..-7 / KA3..E7 / KA3..-7 / KA3.135-7

ACCESSORIES INCLUDED

	K3.. / KC3.. / KA3..	KA3.135
• CNOMO collet $\varnothing$ 6 mm	615 526 046 0	615 526 079 0
• Exhaust hose L = 0.8m (31")	615 875 106 0	
• 1/4" air hose nipple for 8mm (5/16") ID hose	615 704 019 0	
• 1/4" air hose nipple for 6mm (1/4") ID hose		615 705 009 0
• Flat wrench, 10mm (25/64")	615 801 002 0	615 801 002 0
• Flat wrench, 11mm (7/16")	615 801 003 0	
• Flat wrench, 14mm		615 801 005 0

OPTIONAL ACCESSORIES

ITEM	A	B
	K3.. / KC3.. / KA3..	KA3.135
• Collet $\varnothing$ 2 mm		615 526 066 0
• CNOMO collet $\varnothing$ 2.5 mm	615 526 089 0	615 526 068 0
• CNOMO collet $\varnothing$ 3 mm	615 526 044 0	615 526 069 0
• CNOMO collet $\varnothing$ 3.2 mm (1/8")	615 526 045 0	
• Collet $\varnothing$ 3.5mm		615 526 070 0
• CNOMO collet $\varnothing$ 4 mm (5/32")	615 526 090 0	615 526 071 0
• CNOMO collet $\varnothing$ 4.5 mm		615 526 073 0
• CNOMO collet $\varnothing$ 5 mm	615 526 092 0	615 526 075 0
• Collet $\varnothing$ 5.5mm		615 526 077 0
• CNOMO collet $\varnothing$ 6.4 mm (1/4")	615 526 047 0	
• Collet $\varnothing$ 6.5mm		615 526 081 0
• Collet $\varnothing$ 7mm		615 526 083 0
• Collet $\varnothing$ 7.5mm		615 526 084 0
• Collet $\varnothing$ 8mm (5/16")		615 526 088 0
1 Complete silencer kit	615 396 101 0	615 399 423 0
2 Silencer	615 574 028 0	
3 Clippable silencer	615 396 124 0	
4 Exhaust hose L = 0.8m (31")		615 875 106 0
5 Backing pad $\varnothing$ 50mm		615 804 098 0
6 Grease gun (capacity 24g - 0.8 oz.)	615 990 149 0	
• Grease for bevel gear (1kg - 2.2lb)	615 990 148 0	



Grinders for carbide burrs, mounted points and sanding discs

300 and 375 Watts (0.4 and 0.5 hp) - 12000 to 40000 rpm

Supplied with CNOMO collet, ø 6mm



A



B



C



D



E

K3...-7 / KC3...-7 / KA3...E7 / KA3...-7

KA3.135-7

CNOMO type collet



Caution: comply with the speeds recommended by component and abrasive manufacturers. PIC

PIC REF	MODEL	PART NUMBER	FREE SPEED	COLLET MAX CAPACITY		POWER		WEIGHT		AIR CONSUMPTION				AIR INLET. THREAD	HOSE INT. Ø		
										AT FREE SPEED		AT MAX OUTPUT					
			rpm	mm	in.	W	hp	kg	lb.	l/s	cfm	l/s	cfm	in.	mm	in.	

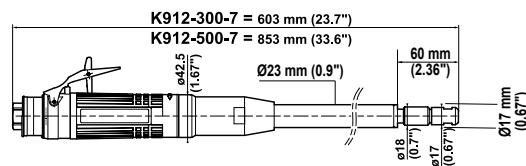
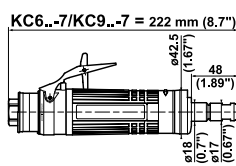
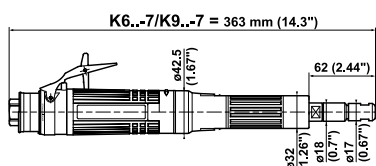
STRAIGHT GRINDERS

A	K340-7	615 170 036 0	40000	6.4	1/4	375	0.5	0.58	1.28	7.5	16.0	10.0	21	1/4	8	5/16
A	K331-7	615 170 035 0	31000	6.4	1/4	375	0.5	0.58	1.28	4.5	9.5	9.5	20	1/4	8	5/16
A	K325-7	615 170 034 0	25000	6.4	1/4	375	0.5	0.58	1.28	3.5	7.5	9.5	20	1/4	8	5/16
A	K320-7	615 170 033 0	20000	6.4	1/4	375	0.5	0.58	1.28	2.5	5.0	8.0	17	1/4	8	5/16
B	KC340-7	615 170 032 0	40000	6.4	1/4	375	0.5	0.40	0.88	7.5	16.0	10.0	21	1/4	8	5/16
B	KC331-7	615 170 031 0	31000	6.4	1/4	375	0.5	0.40	0.88	4.5	9.5	9.5	20	1/4	8	5/16
B	KC325-7	615 170 030 0	25000	6.4	1/4	375	0.5	0.40	0.88	3.5	7.5	9.5	20	1/4	8	5/16
B	KC320-7	615 170 029 0	20000	6.4	1/4	375	0.5	0.40	0.88	2.5	5.0	8.0	17	1/4	8	5/16

ANGLE GRINDERS

C	KA320E7	615 170 047 0	20000	6.4	1/4	375	0.5	0.60	1.32	6.5	13.5	10.0	21	1/4	8	5/16
C	KA312E7	615 170 039 0	12000	6.4	1/4	375	0.5	0.60	1.32	3.0	6.5	9.0	19	1/4	8	5/16
D	KA320-7	615 170 043 0	20000	6.4	1/4	375	0.5	0.50	1.10	6.5	13.5	10.0	21	1/4	8	5/16
D	KA312-7	615 170 037 0	12000	6.4	1/4	375	0.5	0.50	1.10	3.0	6.5	9.0	19	1/4	8	5/16
E	KA3.135-7	615 170 522 0	13500	8.0	5/16	300	0.4	0.60	1.32	9.5	20.0	-	-	1/4	6	1/4

Accessories



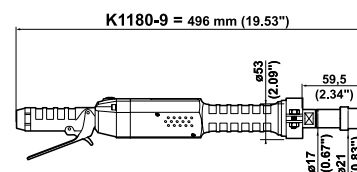
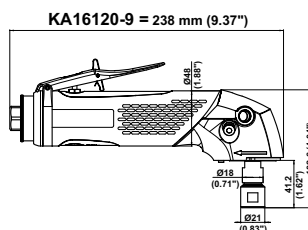
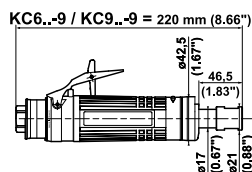
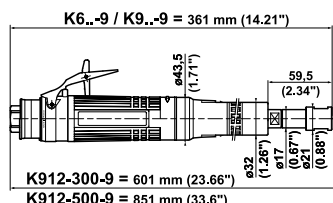
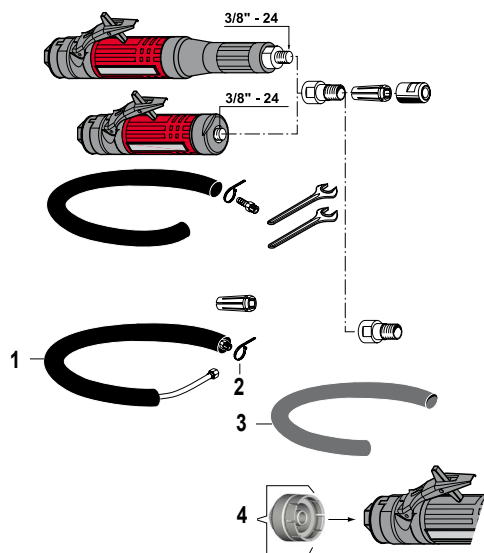
K6..-7 / K9..-7 / KC6..-7 / KC9..-7

ACCESSORIES INCLUDED

	PART NO.
• Collet-holder	615 523 018 0
• CNOMO collet $\varnothing$ 6mm	615 526 049 0
• Exhaust hose L = 1.5m (60")	615 875 113 0
• Clamp	615 873 415 0
• 3/8" air hose nipple for 10mm (3/8") ID hose	615 704 017 0
• Flat wrench, 14mm (Qty 2)	615 801 005 0

OPTIONAL ACCESSORIES

ITEM	PART NO.
• Collet-holder extension L = 28mm (1.1")	615 523 019 0
• CNOMO collet $\varnothing$ 3 mm	615 526 048 0
• CNOMO collet $\varnothing$ 6.35 mm (1/4")	615 526 050 0
• CNOMO collet $\varnothing$ 8 mm	615 526 051 0
1 Complete silencer kit	615 396 166 0
2 Clamp	615 873 115 0
3 Reinforced cloth-lined exhaust hose L = 0.75m (30")	615 875 116 0
4 Clippable silencer	615 396 655 0



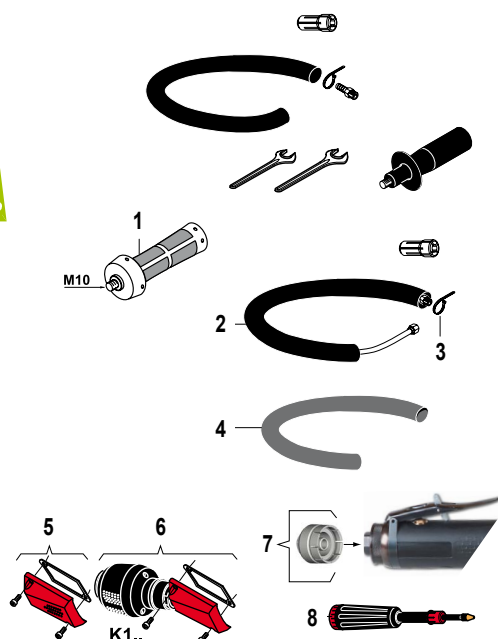
K6..-9 / K9..-9 / KC6..-9 / KC9..-9 / KA16120-9 / K1180-9

ACCESSORIES INCLUDED

	K/KC6 / K/KC9 KA16120-9	K1180-9
• Series 200 resilient collet, collet $\varnothing$ 5.55 to 6.35mm (1/4")	615 526 063 0	615 526 063 0
• Series 200 resilient collet, collet $\varnothing$ 8.7 to 9.5mm (3/8")		615 526 065 0
• Exhaust hose L = 1.5m (60")	615 875 113 0	
• Clamp	615 873 415 0	
• 3/8" air hose nipple for 10mm (3/8") ID hose	615 704 017 0	
• 3/8" air hose nipple for 13mm (1/2") ID hose for KA16120-9	615 704 027 0	
• 1/2" air hose nipple for 16mm (5/8") ID hose		615 704 014 0
• Flat wrench, 14mm	615 801 005 0	615 801 005 0
• Flat wrench, 19mm (3/4")	615 801 076 0	615 801 076 0
• Side handle for KA16120-9	615 576 038 0	

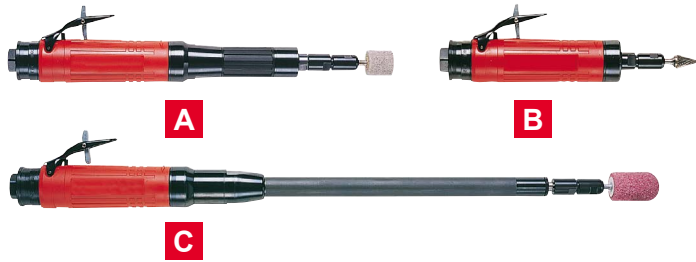
OPTIONAL ACCESSORIES

ITEM	K/KC6 / K/KC9 KA16120-9	K1180-9
• Series 200 resilient collet, collet $\varnothing$ 2.4 to 3.2mm (1/8")	615 526 061 0	615 526 061 0
• Series 200 resilient collet, collet $\varnothing$ 5.2 to 6mm	615 526 062 0	615 526 062 0
• Series 200 resilient collet, collet $\varnothing$ 7.2 to 8mm	615 526 064 0	615 526 064 0
• Series 200 resilient collet, collet $\varnothing$ 8.7 to 9.5mm (3/8")	615 526 065 0	
1 Vibration-damping handle for KA16120-9	615 576 066 0	
2 Complete silencer kit	615 396 166 0	
3 Clamp	615 873 115 0	
4 Reinforced cloth-lined exhaust hose L = 0.75m (30")	615 875 116 0	
5 Silencer kit		615 399 298 0
6 Silencer kit		615 399 459 0
7 Clippable silencer	615 396 655 0	
7 Clippable silencer for KA16120-9	615 396 957 0	
8 Grease gun (capacity 24g - 0.8oz) for KA16120-9	615 990 149 0	
• Grease for bevel gear (1kg - 2.2lb) for KA16120-9	615 990 148 0	



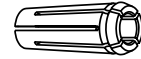
Grinders for carbide burrs and mounted points

600 to 1700 Watts (0.8 to 2.3 hp) - 12000 to 28000 rpm



Supplied with CNOMO collet, ø 6mm

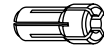
K6...-7 / K9...-7 / KC6...-7 / KC9...-7
CNOMO type collet



Supplied with series 200 resilient collet, ø 5.55 to 6.35mm (1/4") & ø 8.7 to 9.5mm (3/8")



K6...-9 / KC9...-9 / KC6...-9 /
KC9...-9 / KA1620-9 / K1180-9
Series 200 collet



Caution: comply with the speeds recommended by component and abrasive manufacturers.

PIC REF	MODEL	PART NUMBER	FREE SPEED		COLLET MAX CAPACITY		POWER		WEIGHT		AIR CONSUMPTION				AIR INLET. THREAD		HOSE INT. Ø	
			rpm		mm	in.	W	hp	kg	lb.	AT FREE SPEED		AT MAX OUTPUT		in.		mm	in.

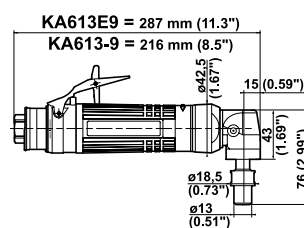
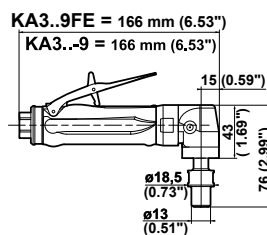
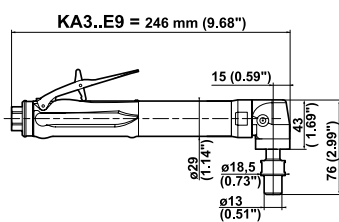
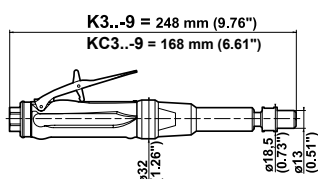
CNOMO collet

A	K628-7	615 170 107 0	28000	8	5/16	600	0.80	1.3	2.9	16	34	15	32	3/8	10	3/8
A	K624-7	615 170 106 0	24000	8	5/16	600	0.80	1.3	2.9	10	21	15	32	3/8	10	3/8
A	K922-7	615 170 119 0	22000	8	5/16	900	1.21	1.4	3.1	13	28	18	38	3/8	10	3/8
A	K619-7	615 170 105 0	19000	8	5/16	600	0.80	1.3	2.9	6	13	15	32	3/8	10	3/8
A	K918-7	615 170 117 0	18000	8	5/16	900	1.21	1.4	3.1	10	21	18	38	3/8	10	3/8
A	K615-7	615 170 104 0	15000	8	5/16	600	0.80	1.3	2.9	6	13	15	32	3/8	10	3/8
A	K915-7	615 170 114 0	15000	8	5/16	900	1.21	1.4	3.1	8	17	17	36	3/8	10	3/8
A	K912-7	615 170 110 0	12000	8	5/16	900	1.21	1.4	3.1	6	13	16	34	3/8	10	3/8
B	KC628-7	615 170 126 0	28000	8	5/16	600	0.80	0.9	2.0	16	34	15	32	3/8	10	3/8
B	KC624-7	615 170 125 0	24000	8	5/16	600	0.80	0.9	2.0	10	21	15	32	3/8	10	3/8
B	KC922-7	615 170 130 0	22000	8	5/16	900	1.21	1.0	2.2	13	28	18	38	3/8	10	3/8
B	KC619-7	615 170 124 0	19000	8	5/16	600	0.80	0.9	2.0	6	13	15	32	3/8	10	3/8
B	KC918-7	615 170 129 0	18000	8	5/16	900	1.21	1.0	2.2	10	21	18	38	3/8	10	3/8
B	KC615-7	615 170 123 0	15000	8	5/16	600	0.80	0.9	2.0	6	13	15	32	3/8	10	3/8
B	KC915-7	615 170 128 0	15000	8	5/16	900	1.21	1.0	2.2	8	17	17	36	3/8	10	3/8
B	KC912-7	615 170 127 0	12000	8	5/16	900	1.21	1.0	2.2	6	13	16	34	3/8	10	3/8
C	K912-300-7	615 170 108 0	12000	8	5/16	900	1.21	2.1	4.6	6	13	16	34	3/8	10	3/8
C	K912-500-7	615 170 109 0	12000	8	5/16	900	1.21	2.7	5.9	6	13	16	34	3/8	10	3/8

SERIES 200 collet

D	K628-9	615 170 150 0	28000	9.5	3/8	600	0.80	1.3	2.9	16	34	15	32	3/8	10	3/8
D	K624-9	615 170 151 0	24000	9.5	3/8	600	0.80	1.3	2.9	10	21	15	32	3/8	10	3/8
D	K922-9	615 170 152 0	22000	9.5	3/8	900	1.21	1.4	3.1	13	28	18	38	3/8	10	3/8
D	K619-9	615 170 153 0	19000	9.5	3/8	600	0.80	1.3	2.9	6	13	15	32	3/8	10	3/8
D	K918-9	615 170 154 0	18000	9.5	3/8	900	1.21	1.4	3.1	10	21	18	38	3/8	10	3/8
D	K615-9	615 170 155 0	15000	9.5	3/8	600	0.80	1.3	2.9	6	13	15	32	3/8	10	3/8
D	K915-9	615 170 156 0	15000	9.5	3/8	900	1.21	1.4	3.1	8	17	17	36	3/8	10	3/8
D	K912-9	615 170 157 0	12000	9.5	3/8	900	1.21	1.4	3.1	6	13	16	34	3/8	10	3/8
E	KC628-9	615 170 158 0	28000	9.5	3/8	600	0.80	0.9	2.0	16	34	15	32	3/8	10	3/8
E	KC624-9	615 170 159 0	24000	9.5	3/8	600	0.80	0.9	2.0	10	21	15	32	3/8	10	3/8
E	KC922-9	615 170 160 0	22000	9.5	3/8	900	1.21	1.0	2.2	13	28	18	38	3/8	10	3/8
E	KC619-9	615 170 161 0	19000	9.5	3/8	600	0.80	0.9	2.0	6	13	15	32	3/8	10	3/8
E	KC918-9	615 170 162 0	18000	9.5	3/8	900	1.21	1.0	2.2	10	21	18	38	3/8	10	3/8
E	KC615-9	615 170 163 0	15000	9.5	3/8	600	0.80	0.9	2.0	6	13	15	32	3/8	10	3/8
E	KC915-9	615 170 164 0	15000	9.5	3/8	900	1.21	1.0	2.2	8	17	17	36	3/8	10	3/8
E	KC912-9	615 170 165 0	12000	9.5	3/8	900	1.21	1.0	2.2	6	13	16	34	3/8	10	3/8
F	K912-300-9	615 170 169 0	12000	9.5	3/8	900	1.21	2.1	4.6	6	13	16	34	3/8	10	3/8
F	K912-500-9	615 170 170 0	12000	9.5	3/8	900	1.21	2.7	5.9	6	13	16	34	3/8	10	3/8
G	KA16120-9	615 170 443 0	12000	9.5	3/8	1700	2.30	1.4	3.2	20	42	32	68	3/8	13	1/2
H	K1180-9	615 170 246 0	18000	9.5	3/8	1200	1.61	2.5	5.9	12	25	35	74	1/2	15	5/8

Accessories



4734 / K3...-9 / KC3...-9 / KA3...E9 / KA3...-9 / KA3...-9FE

ACCESSORIES INCLUDED

ITEM	4734	K3.../KC3...-9 KA3...E9/KA3...-9	KA3...-9FE
• Series 300 resilient collet, $\varnothing$ 2.4 to 3.2 mm	615 526 055 0	615 526 059 0	615 526 059 0
• Exhaust hose L = 0.8 m (31")	222453	615 875 106 0	
• Clamp	235203		
• 1/4" air hose nipple for 8mm (5/16") ID hose		615 704 019 0	615 704 019 0
1 Clippable silencer			615 396 124 0
• Flat wrench, 11mm (7/16")	199003	615 801 003 0	615 801 003 0
• Flat wrench, 17mm (1-1/16")	615 801 032 0	615 801 032 0	615 801 032 0
• Flat wrench, 16mm (5/8" A/F)	18583		

OPTIONAL ACCESSORIES

ITEM	4734	K3.../KC3...-9 KA3...E9/KA3...-9	KA3...-9FE
• Series 300 resilient collet, $\varnothing$ 0.4 to 1.2mm	615 526 052 0	615 526 052 0	615 526 052 0
• Series 300 resilient collet, $\varnothing$ 1.2 to 2mm	615 526 053 0	615 526 053 0	615 526 053 0
• Series 300 resilient collet, $\varnothing$ 1.7 to 2.5mm	615 526 054 0	615 526 054 0	615 526 054 0
• Series 300 resilient collet, $\varnothing$ 2.4 to 3.2mm (1/8")	615 526 055 0	615 526 055 0	615 526 055 0
• Series 300 resilient collet, $\varnothing$ 3.16 to 3.96mm	615 526 056 0	615 526 056 0	615 526 056 0
• Series 300 resilient collet, $\varnothing$ 3.95 to 4.75mm	615 526 057 0	615 526 057 0	615 526 057 0
• Series 300 resilient collet, $\varnothing$ 4.75 to 5.55mm	615 526 058 0	615 526 058 0	615 526 058 0
2 Exhaust hose L = 0.8 m (31")			615 875 106 0
3 Complete silencer kit		615 396 101 0	615 396 101 0
4 Silencer		615 574 028 0	615 574 028 0
1 Clippable silencer		615 396 124 0	
5 Grease gun (capacity 24g - 0.8 oz.)		615 990 149 0	615 990 149 0
• Grease for bevel gear (1kg - 2.2 lb.)		615 990 148 0	615 990 148 0

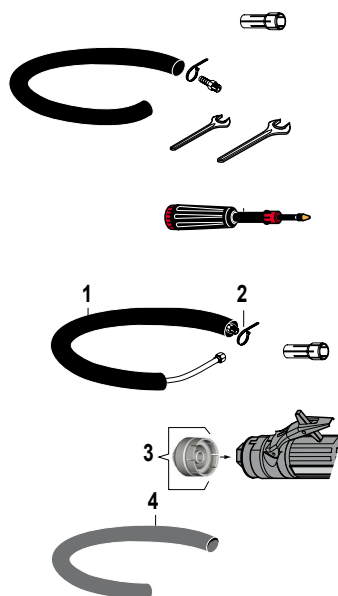
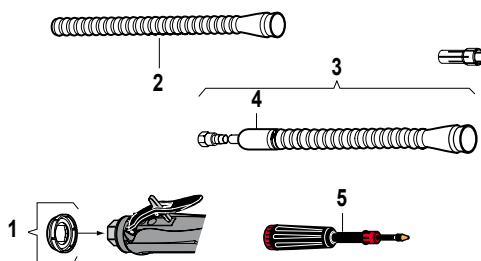
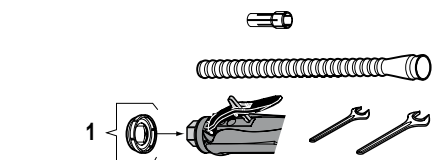
KA613E9 / KA613-9

ACCESSORIES INCLUDED

	PART NO.
• Series 300 resilient collet, $\varnothing$ 5.55 to 6.35mm (1/4")	615 526 059 0
• Exhaust hose L = 1.5m (60")	615 875 113 0
• Clamp	615 873 415 0
• 3/8" air hose nipple for 10mm (3/8") ID hose	615 704 017 0
• Flat wrench, 11mm (7/16")	615 801 003 0
• Flat wrench, 17mm (1-1/16")	615 801 032 0
• Grease gun (capacity 24g - 0.8 oz.)	615 990 149 0

OPTIONAL ACCESSORIES

ITEM	PART NO.
• Series 300 resilient collet, $\varnothing$ 0.4 to 1.2 mm (3/64")	615 526 052 0
• Series 300 resilient collet, $\varnothing$ 1.2 to 2 mm (5/64")	615 526 053 0
• Series 300 resilient collet, $\varnothing$ 1.7 to 2.5 mm (3/32")	615 526 054 0
• Series 300 resilient collet, $\varnothing$ 2.4 to 3.2 mm (1/8")	615 526 055 0
• Series 300 resilient collet, $\varnothing$ 3.16 to 3.96 mm (5/32")	615 526 056 0
• Series 300 resilient collet, $\varnothing$ 3.95 to 4.75 mm (3/16")	615 526 057 0
• Series 300 resilient collet, $\varnothing$ 4.75 to 5.55 mm (7/32")	615 526 058 0
1 Complete silencer kit	615 396 166 0
2 Clamp	615 873 115 0
3 Clippable silencer	615 396 655 0
4 Reinforced cloth-lined exhaust hose L = 0.75m (30")	615 875 116 0
• Grease for bevel gear (1 kg - 2.2 lb.)	615 990 148 0



Grinders for carbide burrs, mounted points and sanding discs

300 to 600 Watts (0.4 to 0.8 hp) - 9000 to 40000 rpm

Supplied with series 300 resilient collet, ø 5.55 to 6.35mm (1/4")



A



C



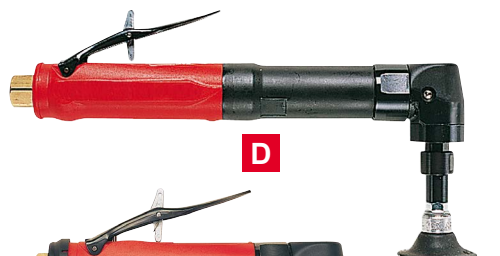
E



H



B



D



Front Exhaust **F**



G

K3...9 / KC3...9 / KA3...(E)9 / KA3...9FE / KA613(E)9
Series 300 collet



Caution: comply with the speeds recommended by component and abrasive manufacturers.

PIC REF	MODEL	PART NUMBER	FREE SPEED	COLLET MAX CAPACITY		POWER		WEIGHT		AIR CONSUMPTION				AIR INLET THREAD	HOSE INT Ø	
										AT FREE SPEED		AT MAX OUTPUT				
			rpm	mm	in.	W	hp	kg	lb.	l/s	cfm	l/s	cfm	in.	mm	in.

STRAIGHT GRINDERS

A	4734	4734	20000	6.35	1/4	300	0.4	0.60	1.32	8.5	18	10	21	1/4	10	3/8
B	K340-9	615 170 139 0	40000	6.35	1/4	375	0.5	0.57	1.26	7.5	16	10	21	1/4	8	5/16
B	K331-9	615 170 140 0	31000	6.35	1/4	375	0.5	0.57	1.26	4.5	9.5	9.5	20	1/4	8	5/16
B	K325-9	615 170 141 0	25000	6.35	1/4	375	0.5	0.57	1.26	3.5	7.5	9.5	20	1/4	8	5/16
B	K320-9	615 170 142 0	20000	6.35	1/4	375	0.5	0.57	1.26	2.5	5.0	8.0	17	1/4	8	5/16
C	KC340-9	615 170 143 0	40000	6.35	1/4	375	0.5	0.38	0.84	7.5	16	10	21	1/4	8	5/16
C	KC331-9	615 170 144 0	31000	6.35	1/4	375	0.5	0.38	0.84	4.5	9.5	9.5	20	1/4	8	5/16
C	KC325-9	615 170 145 0	25000	6.35	1/4	375	0.5	0.38	0.84	3.5	7.5	9.5	20	1/4	8	5/16
C	KC320-9	615 170 027 0	20000	6.35	1/4	375	0.5	0.38	0.84	2.5	5.0	8.0	17	1/4	8	5/16
C	KC318-9	615 170 196 0	18000	6.35	1/4	375	0.5	0.38	0.84	2.5	5.0	8.0	17	1/4	8	5/16

ANGLE GRINDERS

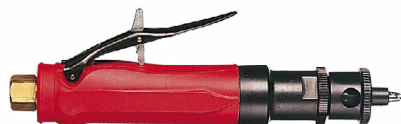
D	KA320E9	615 170 146 0	20000	6.35	1/4	375	0.5	0.61	1.35	6.5	13.5	10	21	1/4	8	5/16
D	KA312E9	615 170 147 0	12000	6.35	1/4	375	0.5	0.61	1.35	3.0	6.5	9.0	9	1/4	8	5/16
E	KA320-9	615 170 148 0	20000	6.35	1/4	375	0.5	0.51	1.13	6.5	13.5	10	21	1/4	8	5/16
E	KA318-9	615 170 461 0	18000	6.35	1/4	375	0.5	0.51	1.13	6.5	13.5	10	21	1/4	8	5/16
E	KA312-9	615 170 149 0	12000	6.35	1/4	375	0.5	0.51	1.13	3.0	6.5	9.0	19	1/4	8	5/16
E	KA309-9	615 170 266 0	9000	6.35	1/4	375	0.5	0.50	1.10	3.0	6.5	9.0	19	1/4	8	5/16
F	KA320-9FE*	615 170 206 0	20000	6.35	1/4	375	0.5	0.51	1.13	6.5	13.5	10	21	1/4	8	5/16
F	KA312-9FE*	615 170 205 0	12000	6.35	1/4	375	0.5	0.51	1.13	3.0	6.5	9.0	19	1/4	8	5/16
G	KA613E9	615 170 136 0	13000	6.35	1/4	600	0.8	1.40	3.10	10	21	15	32	3/8	10	3/8
H	KA613-9	615 170 135 0	13000	6.35	1/4	600	0.8	1.10	2.40	10	21	15	32	3/8	10	3/8

* Front Exhaust models

Routers

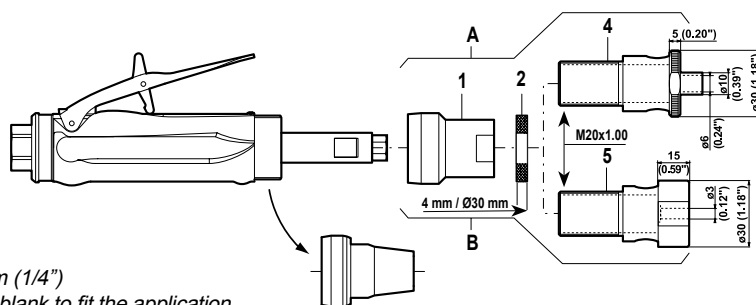
375 to 900 Watts (0.5 to 1.21 hp) - 12000 to 40000 rpm

375 W (0.5hp) - 20000 to 40000 rpm
CNOMO type collet



A

615 396 069 0: Machined routing kit for burr, max ø 6.4mm (1/4")
615 396 070 0: Blank routing kit allowing you to adapt the blank to fit the application

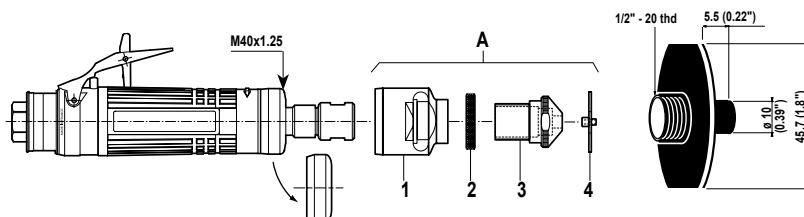


600 - 900 W (0.8 - 1.21hp) - 12000 to 28000 rpm
CNOMO type or Series 200 collet



B

615 396 289 0: Machined routing kit for burr, max ø 6.4mm (1/4")



OPTIONAL ACCESSORIES

ITEM		KC3..	KC6.. / KC9..
A	Machined routing kit	615 396 069 0	615 396 289 0
B	Blank routing kit (item 1, 2, 5)	615 396 070 0	
1	Flange	615 595 231 0	615 595 245 0
2	Adjusting nut	615 607 140 0	615 607 145 0
	• Circlip		615 687 056 0
	• Bearing		615 758 127 0
3	Router nose		615 542 132 2
4	Machined routing guide	615 542 125 0	615 542 131 0
5	Blank routing guide	615 542 125 2	

If you need a complete tool use the KC624-9RT (24000 rpm) Part No. 615 170 290 0

If you need a specific speed or a higher power:

Select the motor, the speed of your choice below then add the routing kit.

For example: Tool with Series 200 collet - 900 W - 22000 rpm (KC922-9) + routing kit Order 615 170 160 0 + 615 396 289 0

Caution: comply with the speeds recommended by component and abrasive manufacturers.

PIC REF	MODEL	FREE SPEED	POWER		PART NO.		ROUTING KIT	
			W	hp	CNOMO COLLET (-7)	SERIES 200 COLLET (-9)	MACHINED	BLANK
		rpm						

375 W (0.5 hp) - CNOMO type collet

A	KC340-7	40000	375	0.5	615 170 032 0	+
A	KC331-7	31000	375	0.5	615 170 031 0	+
A	KC325-7	25000	375	0.5	615 170 030 0	+
A	KC320-7	20000	375	0.5	615 170 029 0	+

615 396 069 0



615 396 070 0



600 - 900 W (0.8 - 1.21 hp) - CNOMO type or Series 200 collet

B	KC628-	28000	600	0.80	615 170 126 0	615 170 158 0	+
B	KC624-	24000	600	0.80	615 170 125 0	615 170 159 0	+
B	KC922-	22000	900	1.21	615 170 130 0	615 170 160 0	+
B	KC619-	19000	600	0.80	615 170 124 0	615 170 161 0	+
B	KC918-	18000	900	1.21	615 170 129 0	615 170 162 0	+
B	KC615-	15000	600	0.80	615 170 123 0	615 170 163 0	+
B	KC915-	15000	900	1.21	615 170 128 0	615 170 164 0	+
B	KC912-	12000	900	1.21	615 170 127 0	615 170 165 0	+

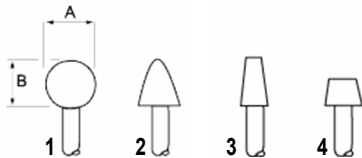
615 396 289 0



Collet Grinder Accessories



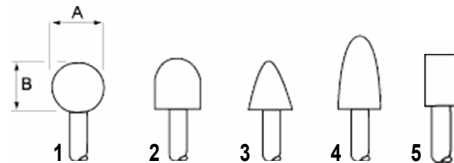
Aluminium Oxide Mounted Points are available in red grades. Red grades are suitable for grinding high tensile materials such as ordinary and alloy steels, high speed steel and annealed malleable iron.



MOUNTED POINTS 3mm Ø SHANK - RED

Can also be used with collet type CNOMO or 200 & 300 Series (1/8")

PIC REF	MAX SPEED	A		B		PART NO.
		mm	in.	mm	in.	
1	104000	5	0.19	5	0.19	38582
2	104000	5	0.19	8	0.31	38522
3	105000	4	0.16	4	0.16	38562
4	81000	6	0.25	6	0.25	38542



MOUNTED POINTS 6mm Ø SHANK - RED

Can also be used with collet type CNOMO or 200 & 300 Series (1/4")

PIC REF	MAX SPEED	A		B		PART NO.
		mm	in.	mm	in.	
1	59000	16	0.62	16	0.62	435983
2	50000	20	0.79	16	0.62	435993
3	45000	20	0.79	28	1.10	436003
4	48000	20	0.79	32	1.26	436013
5	38000	25	1.00	3	0.11	

Recommended Speeds For Tungsten Carbide Burrs - rpm x 1000

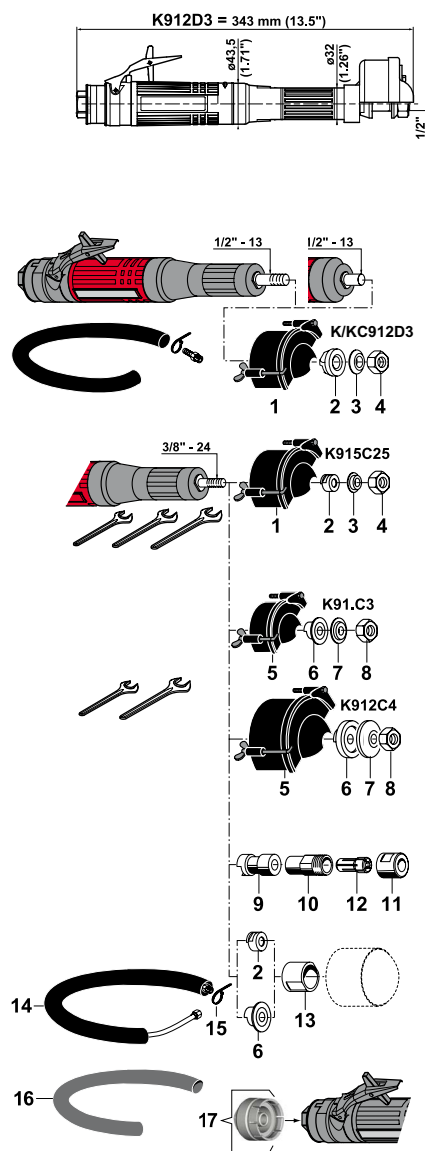
MATERIAL	HEAD DIAMETER				
	3mm (1/8")	6mm (1/4")	10mm (3/8")	13mm (1/2")	16mm (5/8")
Alum, Zinc Base, Plastics	30-90	15-70	10-50	17-38	6-30
Cast Iron, Brass, Copper, Bronze	45-90	23-60	15-40	11-30	9-24
Mild Steel	60-90	45-60	30-40	22-30	18-24
Titanium, Stainless, Hardened Steels, Ceramics	60-90	30-45	19-30	15-22	12-18

Abrasive Discs

SPEED	GRIT	PART NO.
rpm		
25000	P40	615 804 099 0
25000	P60	615 804 100 0
25000	P80	615 804 101 0
25000	P120	615 804 102 0



Accessories



K9..

ACCESSORIES INCLUDED

ITEM	K/KC912D3 Ø 80mm (3")	K915C25 Ø 63mm (2 1/2")
• Exhaust hose L = 1.5m (60")	615 875 113 0	615 875 113 0
• Clamp	615 873 415 0	615 873 415 0
• 3/8" air hose nipple for 10mm ID hose	615 704 017 0	615 704 017 0
1 Wheel guard for K912D3	615 504 151 0	615 504 150 0
1 Wheel guard for KC912D3	615 504 214 0	
2 Rear flange	615 503 127 0	615 503 126 0
3 Front flange	615 502 044 0	615 502 043 0
4 Locknut	615 608 045 0	615 608 044 0
• Flat wrench 17mm (1-1/16")		615 801 032 0
• Flat wrench 14.3mm (9/16")		615 801 074 0
• Flat wrench 19mm (3/4")	615 801 076 0	

ITEM	K91.C3 Ø 80mm (3")	K912C4 Ø 100mm (4")
5 Wheel guard	615 504 151 0	615 504 152 0
6 Rear flange	615 503 125 0	615 503 131 0
7 Front flange	615 502 013 0	615 502 063 0
8 Locknut	615 608 044 0	615 608 044 0
• Flat wrench. 14.3mm (9/16")	615 801 074 0	615 801 074 0
• Flat wrench. 19mm (3/4")	615 801 076 0	615 801 076 0

OPTIONAL ACCESSORIES

ITEM	PART NO.
9 Spacer for collet-holder	615 666 149 0
10 Series 200 collet-holder	615 523 023 0
11 Series 200 collet nut	615 607 144 0
12 Series 200 Erickson collet	(see page 214)
13 Spacer for threaded cone wheel 3/8"	615 503 516 0
• Rear flange supplied with tool 615 503 125 0 or 615 503 126 0	
14 Complete silencer kit	615 396 166 0
15 Clamp	615 873 115 0
16 Reinforced cloth-lined exhaust hose L = 0.75 m (30")	615 875 116 0
17 Clippable silencer	615 396 655 0



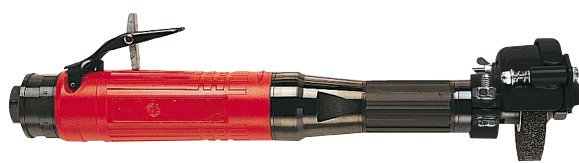
Grinders for cone wheels and type 1 wheels

Ø 63mm (2-1/2") - Ø 80mm (3") - Ø 100mm (4")

900 Watts (1.21 hp) - 12000 to 18000 rpm



A



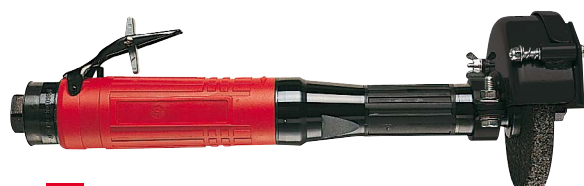
B



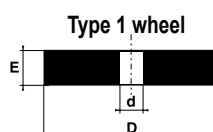
C



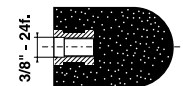
D



E



Type 1 wheel



Wheel type 16 - 18 - 18R and 19

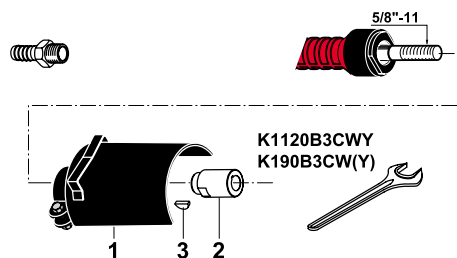
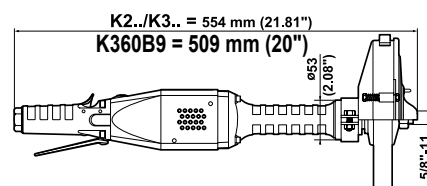
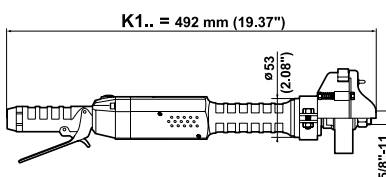
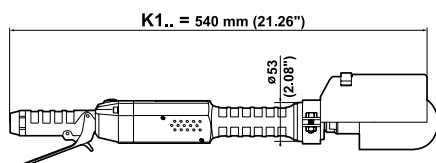
* Reinforced resinoid wheel

Caution: comply with the speeds recommended by component and abrasive manufacturers.

PIC REF	MODEL	PART NUMBER	FREE SPEED	WHEEL MAX CAPACITY DxExd		THREADED SPINDLE	POWER		WEIGHT		AIR CONSUMPTION				AIR INLET. THREAD	HOSE INT. Ø	
											AT FREE SPEED		AT MAX OUTPUT				
			rpm	mm	in.	in.	W	hp	kg	lb.	l/s	cfm	l/s	cfm	in.	mm	in.
A	K918C3	615 170 118 0	18000	*80x13x9.52	3x1/2x3/8	3/8-24	900	1.21	1.7	3.7	7	15	16	34	3/8	10	3/8
A	K915C3	615 170 116 0	15000	*80x13x9.52	3x1/2x3/8	3/8-24	900	1.21	1.7	3.7	7	15	16	34	3/8	10	3/8
A	K912C3	615 170 111 0	12000	*80x13x9.52	3x1/2x3/8	3/8-24	900	1.21	1.7	3.7	7	15	16	34	3/8	10	3/8
B	K915C25	615 170 115 0	15000	63x13x9.52	2-1/2x1/2x3/8	3/8-24	900	1.21	1.6	3.5	7	15	16	34	3/8	10	3/8
C	K912D3	615 170 113 0	12000	80x20x12.7	3x25/32x1/2	1/2-13	900	1.21	1.7	3.7	7	15	16	34	3/8	10	3/8
D	KC912D3	615 170 491 0	12000	80x20x12.7	3x25/32x1/2	1/2-13	900	1.21	1.3	2.9	7	15	16	34	3/8	10	3/8
E	K912C4	615 170 112 0	12000	100x13x9.52	4x1/2x3/8	3/8-24	900	1.21	1.8	4.0	7	15	16	34	3/8	10	3/8

3/8"-24 UNF - 1/2"-13 UNC

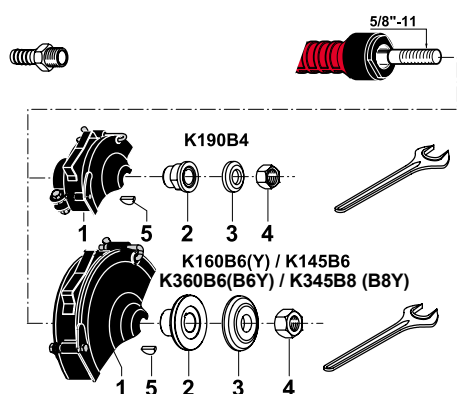
Accessories



K1120B3CWY / K190B3CW(CWY) - ø 80mm (3")

ACCESSORIES INCLUDED

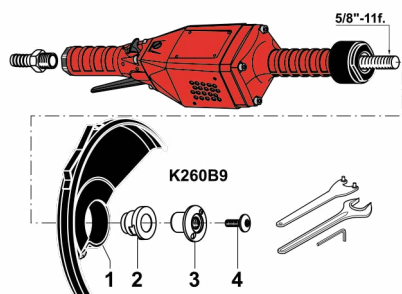
ITEM	PART NO.
• 1/2" air hose nipple for 16mm (5/8") ID hose	615 704 014 0
1 Wheel guard	615 504 080 0
2 Rear flange	615 503 095 0
3 Woodruff key	615 630 019 0
• Flat wrench, 27mm (1-1/16")	615 801 077 0



K190B4 / K.60B6(B6Y) / K145B6 / K345B8(B8Y)

ACCESSORIES INCLUDED

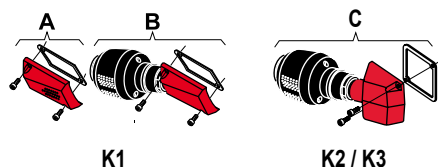
ITEM	K190B4 Ø 100 mm (4")	K.60B6 (B6Y) K145B6 Ø 150 mm (6")	K345B8 (B8Y) Ø 200 mm (8")
• 1/2" air hose nipple for 16mm (5/8") ID hose	615 704 014 0	615 704 014 0	615 704 014 0
1 Wheel guard	615 504 154 0	615 504 079 0	615 504 078 0
2 Rear flange	615 503 094 0	615 503 028 0	615 503 004 0
3 Front flange	615 502 046 0	615 502 027 0	615 502 007 0
4 Nut	615 608 006 0	615 608 006 0	615 608 006 0
5 Woodruff key	615 630 019 0	615 630 019 0	615 630 019 0
• Flat wrench, 27mm (1-1/16")	615 801 077 0	615 801 077 0	615 801 077 0



K360B9 - ø 230 mm (9")

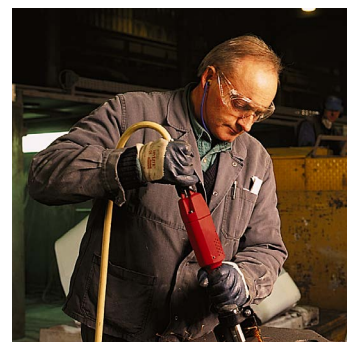
ACCESSORIES INCLUDED

ITEM	PART NO.
• 1/2" air hose nipple for 16mm (5/8") ID hose	615 704 014 0
1 Wheel guard	615 504 161 0
2 Rear flange	615 503 103 0
3 Nut	615 542 104 0
4 Safety screw	615 614 034 0
• Pin wrench, 35mm (1-3/8")	615 802 010 0
• Flat wrench, 27mm (1-1/16")	615 801 077 0
• Hex. key 6 mm	615 802 056 0



OPTIONAL ACCESSORIES

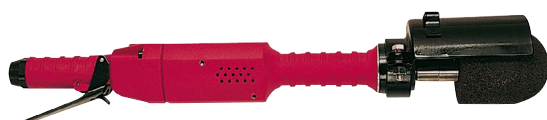
ITEM	K1..	K2.. / K3..
A Silencer kit	615 399 298 0	
B Silencer kit	615 399 459 0	
C Silencer kit		615 399 460 0



Grinders for cone wheels and type 1 wheels

$\varnothing$ 80mm (3") - $\varnothing$ 100mm (4") - $\varnothing$ 150mm (6")
 $\varnothing$ 200mm (8") - $\varnothing$ 230mm (9")

1000 to 2700 Watts (1.34 to 3.62 hp) - 4500 to 12000 rpm



A



B



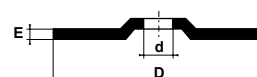
C



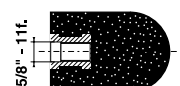
D



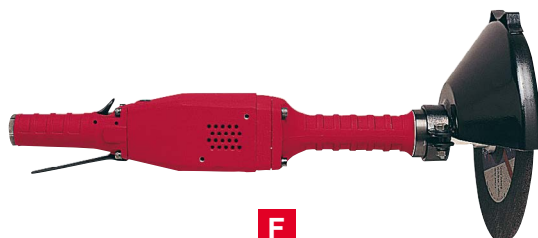
E



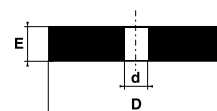
Type 27-42 wheel



Wheel. type 16 - 18 - 18R and 19



F



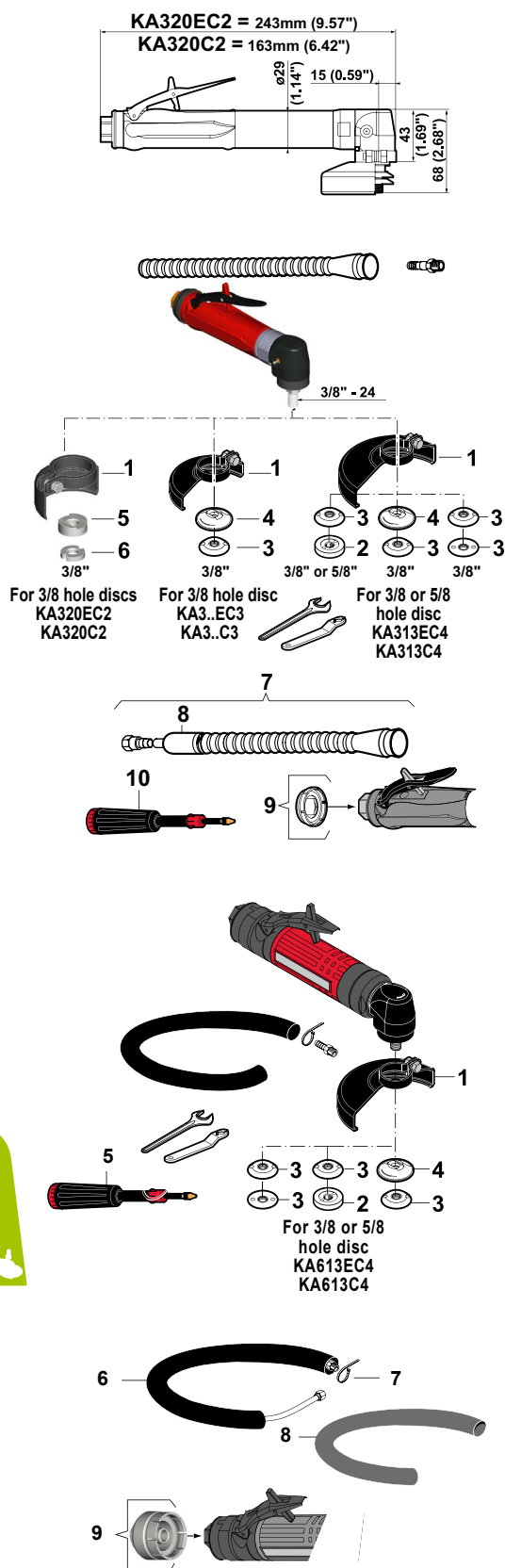
Type 1 wheel

Caution: comply with the speeds recommended by component and abrasive manufacturers.

PIC REF	MODEL	PART NUMBER	FREE SPEED	WHEEL MAX CAPACITY DxDxd		THREADED SPINDLE	POWER		WEIGHT		AIR CONSUMPTION				AIR INLET THREAD	HOSE INT. Ø	
			rpm	mm	in.	in.	W	hp	kg	lb.	l/s	cfm	l/s	cfm	in.	mm	in.
A	K190B3CW	615 170 005 0	9000	80	3	5/8-11	1200	1.61	3.5	7.7	9	19	27	57	1/2	15	5/8
B	K190B4	615 170 004 0	9000	100x25x15.9	4x1x5/8	5/8-11	1200	1.61	3.2	7.0	9	19	27	57	1/2	15	5/8
C	K160B6	615 170 003 0	6000	150x25x15.9	6x1x5/8	5/8-11	1200	1.61	3.5	7.7	6	12	23	48	1/2	15	5/8
C	K145B6	615 170 002 0	4500	150x25x15.9	6x1x5/8	5/8-11	1000	1.34	3.5	7.7	5	10	20	42	1/2	15	5/8
D	K360B6	615 170 010 0	6000	150x25x15.9	6x1x5/8	5/8-11	2700	3.62	5.6	12.3	13	27	41	86	1/2	15	5/8
E	K345B8	615 170 009 0	4500	200x25x15.9	8x1x5/8	5/8-11	2400	3.22	6.3	13.9	8	17	33	70	1/2	15	5/8
F	K360B9	615 170 521 0	6000	230x6.4x22.2	9x1/4x7/8	5/8-11	2700	3.62	5.6	12.3	13	27	41	86	1/2	15	5/8
For USA Market only (to ANSI B186.1)																	
A	K1120B3CWY	615 170 171 0	12000	80	3	5/8-11	1300	1.74	3.0	6.6	16	34	30	64	1/2	15	5/8
A	K190B3CWY	615 170 172 0	9000	80	3	5/8-11	1200	1.61	3.0	6.6	9	19	27	57	1/2	15	5/8
C	K160B6Y	615 170 173 0	6000	150x25x15.9	6x1x5/8	5/8-11	1200	1.61	3.5	7.7	6	12	23	48	1/2	15	5/8
D	K360B6Y	615 170 177 0	6000	150x25x15.9	6x1x5/8	5/8-11	2700	3.62	5.6	12.3	13	27	41	86	1/2	15	5/8
E	K345B8Y	615 170 178 0	4500	200x25x15.9	8x1x5/8	5/8-11	2400	3.22	6.3	13.9	8	17	33	70	1/2	15	5/8

5/8"-11 UNC

Accessories



KA320EC2/C2 / KA3..EC3/C3 / KA313EC4/C4C

ACCESSORIES INCLUDED

ITEM	KA3..EC2 KA320C2 Ø 51mm (2")	KA3..EC3 KA3..C3 Ø 76mm (3")	KA313EC4 KA313C4 Ø 100mm (4")
• Exhaust hose L = 0.8m (31")	615 875 106 0	615 875 106 0	615 875 106 0
• 1/4" air hose nipple for 8mm ID hose	615 704 019 0	615 704 019 0	615 704 019 0
1 Wheel guard	615 504 207 0	615 504 155 0	615 504 160 0
2 Flange			615 606 515 0
3 Flange		615 502 064 0	615 502 064 0
4 Flange		615 503 144 0	615 503 144 0
5 Flange	615 502 082 0		
6 Nut	894 016 276 5		
• Pin wrench, 20-3mm		615 802 008 0	615 802 008 0
• Pin wrench	615 802 008 0		
• Flat wrench, 11mm (7/16")	615 801 003 0	615 801 003 0	615 801 003 0

OPTIONAL ACCESSORIES

ITEM	PART NO.
7 Complete silencer kit	615 396 101 0
8 Silencer	615 574 028 0
9 Clippable silencer	615 396 124 0
10 Grease gun includes (24g - 0.8oz)	615 990 149 0
• Grease for bevel gear (1kg - 2.2lb)	615 990 148 0

KA613EC4 / KA613C4 - Ø 100mm (4")

ACCESSORIES INCLUDED

ITEM	KA613EC4 KA613C4
• Exhaust hose L = 1.5m (60")	615 875 113 0
• Clamp	615 873 415 0
• 3/8" air hose nipple for 10mm ID hose	615 704 017 0
1 Wheel guard	615 504 160 0
2 Flange	615 606 515 0
3 Flange	615 502 064 0
4 Flange	615 503 144 0
5 Grease gun includes (24g - 0.8oz)	615 990 149 0
• Pin wrench, 20-3mm	615 802 008 0
• Flat wrench, 11mm (7/16")	615 801 003 0

OPTIONAL ACCESSORIES

ITEM	PART NO.
6 Complete silencer kit	615 396 166 0
7 Clamp	615 873 115 0
8 Reinforced cloth-lined exhaust hose L = 0.75m (30")	615 875 116 0
9 Clippable silencer	615 396 655 0
• Grease for bevel gear (1kg - 2.2lb)	615 990 148 0



Grinders for depressed center wheels and cut-off wheels Ø 51mm (2") - Ø 76mm (3") - Ø 100mm (4")

375 and 600 Watts (0.5 and 0.8 hp) - 13000 to 20000 rpm



A



B



C



D



E



F

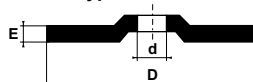


G



H

Type 27-42 wheel



Type 41 wheel



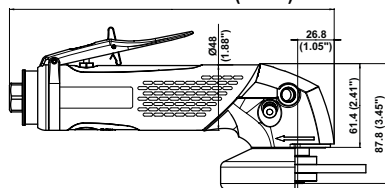
Caution: comply with the speeds recommended by component and abrasive manufacturers

PIC REF	MODEL	PART NUMBER	FREE SPEED	WHEEL MAX CAPACITY DxExd		THREADED SPINDLE	POWER		WEIGHT		AIR CONSUMPTION				AIR INLET THREAD		HOSE INT. Ø	
											AT FREE SPEED		AT MAX OUTPUT		in.	mm	in.	mm
			rpm	mm	in.	in.	W	hp	kg	lb.	l/s	cfm	l/s	cfm				
A	KA320EC2	615 170 487 0	20000	51x7x9.52	2x1/4x3/8	3/8-24	375	0.5	0.81	1.78	6.5	13.5	10.0	21	1/4	8	5/16	
B	KA320EC3	615 170 046 0	20000	76x7x9.52	3x1/4x3/8	3/8-24	375	0.5	0.81	1.78	6.5	13.5	10.0	21	1/4	8	5/16	
B	KA318EC3	615 170 045 0	18000	76x7x9.52	3x1/4x3/8	3/8-24	375	0.5	0.81	1.78	4.5	9.5	9.5	20	1/4	8	5/16	
C	KA313EC4	615 170 050 0	13000	100x7x9.52 & 15.9	4x1/4x3/8&5/8	3/8-24	375	0.5	0.83	1.83	3.0	6.5	9.0	19	1/4	8	5/16	
D	KA320C2	615 170 488 0	20000	51x7x9.52	2x1/4x3/8	3/8-24	375	0.5	0.64	1.41	6.5	13.5	10.0	21	1/4	8	5/16	
E	KA320C3	615 170 042 0	20000	76x7x9.52	3x1/4x3/8	3/8-24	375	0.5	0.64	1.41	6.5	13.5	10.0	21	1/4	8	5/16	
E	KA318C3	615 170 041 0	18000	76x7x9.52	3x1/4x3/8	3/8-24	375	0.5	0.64	1.41	4.5	9.5	9.5	20	1/4	8	5/16	
F	KA313C4	615 170 049 0	13000	100x7x9.52 & 15.9	4x1/4x3/8&5/8	3/8-24	375	0.5	0.66	1.45	3.0	6.5	9.0	19	1/4	8	5/16	
G	KA613EC4	615 170 138 0	13000	100x7x9.52 & 15.9	4x1/4x3/8&5/8	3/8-24	600	0.8	1.50	3.30	10.0	21.0	15.0	32	3/8	10	3/8	
H	KA613C4	615 170 137 0	13000	100x7x9.52 & 15.9	4x1/4x3/8&5/8	3/8-24	600	0.8	1.20	2.60	10.0	21.0	15.0	32	3/8	10	3/8	

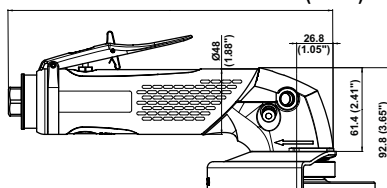
3/8"-24 UNF

Accessories

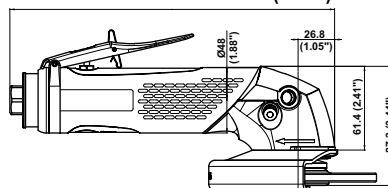
KA16135C4FK = 238mm (9.37")



KA16120A45VK / B45VK = 238mm (9.37")



KA16120A45 / B45 = 238mm (9.37")



KA16135C4FK - ø 100mm (4")

ACCESSORIES INCLUDED

ITEM	KA16135C4FK 3/8"-24
• Complete silencer kit	615 396 166 0
• Clamp	615 263 024 0
• Vibration-damping side handle	615 576 066 0
1 Wheel guard	615 504 196 0
2 Flange (Qty 2)	615 606 515 0
3 Rear flange	615 503 515 0
• Pin wrench 20-3mm	615 802 008 0
• Flat wrench, 16mm (5/8")	615 802 512 0

OPTIONAL ACCESSORIES

ITEM	PART NO.
4 Clippable silencer	615 396 957 0
5 Grease gun includes 24g (0.8oz)	615 990 149 0
• Grease for bevel gear (1 kg - 2.2 lb)	615 990 148 0

KA16120A45VK - KA16120B45VK - ø 115mm (4.5")

ACCESSORIES INCLUDED

ITEM	KA16120A45VK M14x2	KA16120B45VK 5/8" -11
• Complete silencer kit	615 396 166 0	615 396 166 0
• Clamp	615 263 024 0	615 263 024 0
• Vibration-damping side handle	615 576 066 0	615 576 066 0
1 Multi-position guard	615 504 195 0	615 504 195 0
2 Auto-balancer	615 990 181 0	615 990 181 0
3 Front flange	615 502 066 0	615 502 067 0
4 Safety screw	615 614 076 0	615 614 076 0
• Pin wrench, 35mm (1-3/8")	615 802 010 0	615 802 010 0
• Hex. key 6.35mm (1/4")	615 802 057 0	615 802 057 0

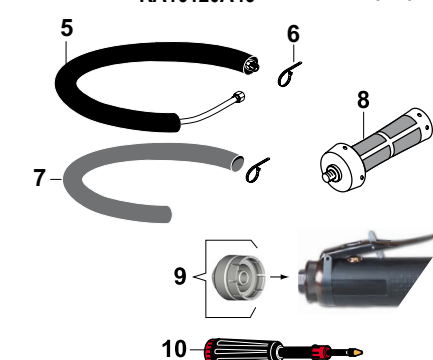
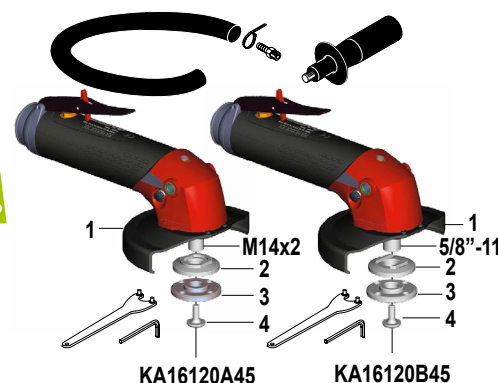
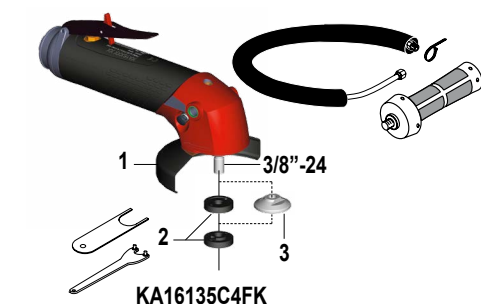
KA16120A45 - KA16120B45 - ø 115mm (4.5")

ACCESSORIES INCLUDED

ITEM	KA16120A45 M14x2	KA16120B45 5/8" -11
• Exhaust hose L = 1.5m (60")	615 875 113 0	615 875 113 0
• Clamp	615 263 024 0	615 263 024 0
• 3/8" air hose nipple for 13mm (1/2") ID hose	615 704 027 0	615 704 027 0
• Side handle	615 576 038 0	615 576 038 0
1 Multi-position guard	615 504 198 0	615 504 198 0
2 Rear flange	615 503 134 0	615 503 141 0
3 Front flange	615 502 066 0	615 502 067 0
4 Safety screw	615 614 076 0	615 614 076 0
• Pin wrench, 35mm (1-3/8")	615 802 010 0	615 802 010 0
• Hex. key 6.35mm (1/4")	615 802 057 0	615 802 057 0

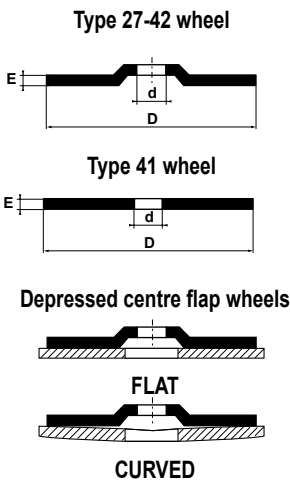
OPTIONAL ACCESSORIES

ITEM	PART NO.
5 Complete silencer kit	615 396 166 0
6 Clamp	615 263 024 0
7 Reinforced cloth-lined exhaust hose L= 0.75m (30")	615 875 116 0
8 Vibration-damping side handle	615 576 066 0
9 Clippable silencer	615 396 957 0
10 Grease gun includes 24g (0.8oz)	615 990 149 0
• Grease for bevel gear (1 kg - 2.2lb)	615 990 148 0



Grinders for depressed center wheels, cut-off wheels and flap wheel ø 100mm (4") - ø 115mm (4.5")

1700 Watts (2.3 hp) - 12000 and 13500 rpm



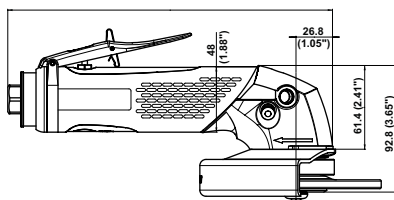
Caution: comply with the speeds recommended by component and abrasive manufacturers.

PIC REF	MODEL	PART NUMBER	FREE SPEED	WHEEL MAX CAPACITY DXEXD		THREADED SPINDLE	POWER		WEIGHT		AIR CONSUMPTION				AIR INLET THREAD	HOSE INT Ø	
				rpm	mm		in.	in.	W	hp	kg	lb.	l/s	cfm		l/s	cfm
FIXED WHEEL GUARD																	
•	KA16135C4FK	615 170 441 0	13500	100x6.4x16	4x1/4x5/8	3/8-24	1700	2.3	1.53	3.4	25	53	35	74	3/8	13	1/2
MULTI-POSITION GUARD																	
A	KA16120A45VK	615 170 456 0	12000	115x6.4x22.2	4.5x1/4x7/8	M14x2	1700	2.3	1.87	4.1	20	42	32	68	3/8	13	1/2
A	KA16120B45VK	615 170 458 0	12000	115x6.4x22.2	4.5x1/4x7/8	5/8-11	1700	2.3	1.87	4.1	20	42	32	68	3/8	13	1/2
B	KA16120A45	615 170 455 0	12000	115x6.4x22.2	4.5x1/4x7/8	M14x2	1700	2.3	1.75	3.9	20	42	32	68	3/8	13	1/2
B	KA16120B45	615 170 457 0	12000	115x6.4x22.2	4.5x1/4x7/8	5/8-11	1700	2.3	1.75	3.9	20	42	32	68	3/8	13	1/2

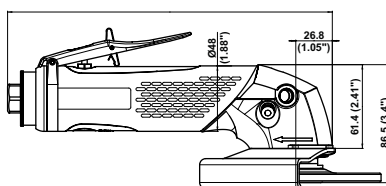
5/8"-11 UNC

Accessories

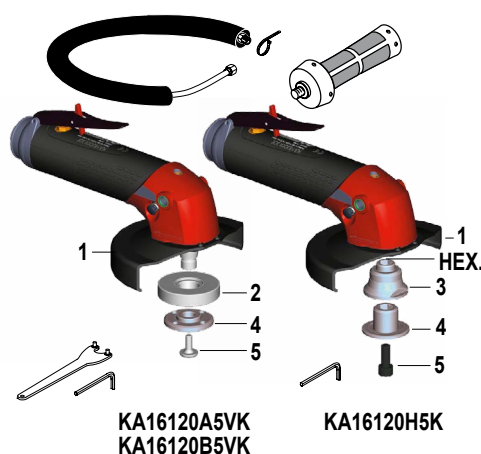
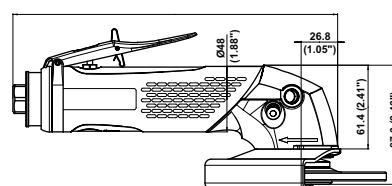
KA16120A5VK / B5VK = 238mm (9.37")



KA16120H5K / H5 = 238mm (9.37")



KA16120A5 / B5 = 238mm (9.37")



KA16120A5VK / B5VK / H5K - ø 127mm (5")

ACCESSORIES INCLUDED

ITEM	KA16120A5VK M14x2	KA16120B5VK 5/8-11	KA16120H5K Hex.
• Complete silencer kit	615 396 166 0	615 396 166 0	615 396 166 0
• Clamp	615 263 024 0	615 263 024 0	615 263 024 0
• Vibration-damping side handle	615 576 066 0	615 576 066 0	615 576 066 0
1 Multi-position guard	615 504 193 0	615 504 193 0	615 504 197 0
2 Auto-balancer	615 990 181 0	615 990 181 0	
3 Rear flange			615 503 124 0
4 Front flange	615 502 066 0	615 502 067 0	615 502 062 0
5 Safety screw	615 614 076 0	615 614 076 0	615 616 101 0
• Pin wrench, 35mm (1-3/8")	615 802 010 0	615 802 010 0	
• Hex. key 6mm			615 802 056 0
• Hex. key 6.35mm (1/4")	615 802 057 0	615 802 057 0	

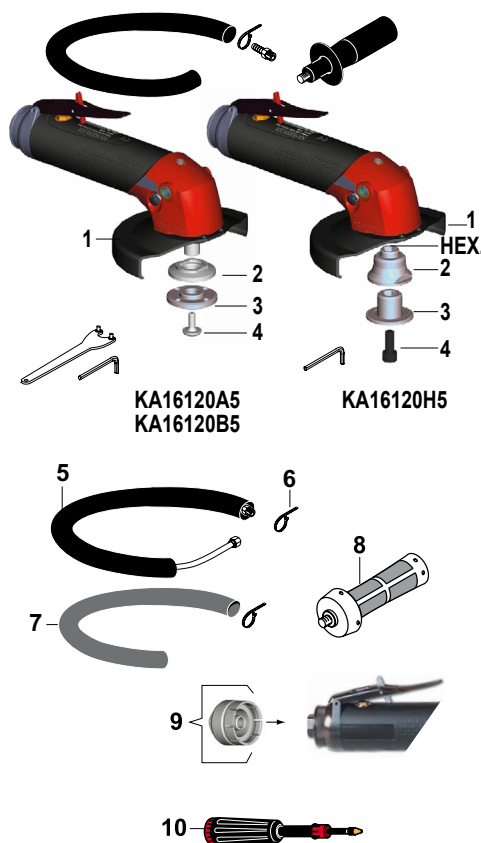
KA16120A5 / B5 / H5 - ø 127mm (5")

ACCESSORIES INCLUDED

ITEM	KA16120A5 M14x2	KA16120B5 5/8-11	KA16120H5 Hex.
• Exhaust hose L = 1.5m (60")	615 875 113 0	615 875 113 0	615 875 113 0
• Clamp	615 263 024 0	615 263 024 0	615 263 024 0
• 3/8" air hose nipple for 13mm (1/2") ID hose	615 704 027 0	615 704 027 0	615 704 027 0
• Side handle	615 576 038 0	615 576 038 0	615 576 038 0
1 Multi-position guard	615 504 197 0	615 504 197 0	615 504 197 0
2 Rear flange	615 503 134 0	615 503 141 0	615 503 124 0
3 Front flange	615 502 066 0	615 502 067 0	615 502 062 0
4 Safety screw	615 614 076 0	615 614 076 0	615 616 101 0
• Pin wrench, 35mm (1-3/8")	615 802 010 0	615 802 010 0	
• Hex. key 6mm			615 802 056 0
• Hex. key 6.35mm (1/4")	615 802 057 0	615 802 057 0	

OPTIONAL ACCESSORIES

ITEM	PART NO.
5 Complete silencer kit	615 396 166 0
6 Clamp	615 263 024 0
7 Reinforced cloth-lined exhaust hose L = 0.75 m (30")	615 875 116 0
8 Vibration-damping side handle	615 576 066 0
9 Clippable silencer	615 396 957 0
10 Grease gun includes 24g (0.8oz)	615 990 149 0
• Grease for bevel gear (1kg - 2.2lb)	615 990 148 0

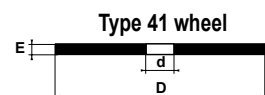
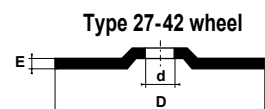


Grinders for depressed center wheels, cut-off wheels and flap wheels ø 127mm (5")

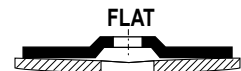
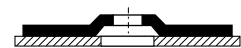
1700 Watts (2.3 hp) - 12000 rpm

Quick wheel change

Multi-position guard



Depressed centre flap wheels



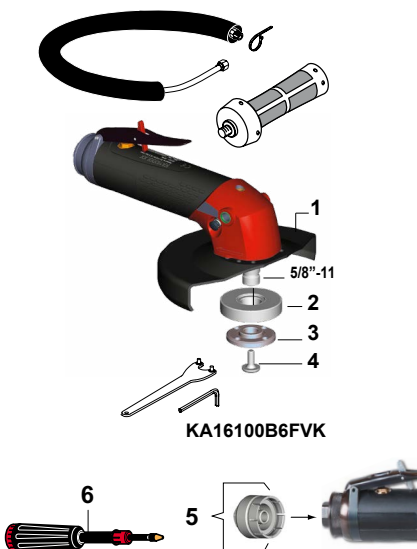
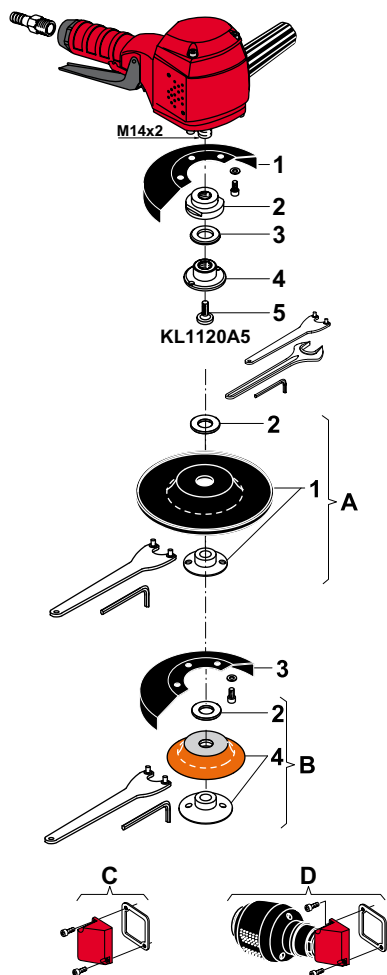
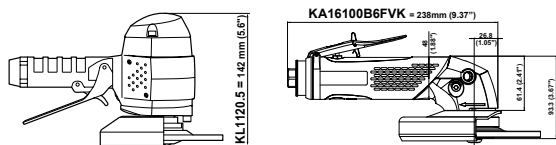
CURVED

Caution: comply with the speeds recommended by component and abrasive manufacturers.

PIC REF	MODEL	PART NUMBER	FREE SPEED	WHEEL MAX CAPACITY DXEXD		THREADED SPINDLE	POWER		WEIGHT		AIR CONSUMPTION				AIR INLET THREAD	HOSE INT Ø	
													AT FREE SPEED	AT MAX OUTPUT			
			rpm	mm	in.	in.	W	hp	kg	lb.	l/s	cfm	l/s	cfm	in.	mm	in
A	KA16120A5VK	615 170 438 0	12000	127x6.4x22.2	5x1/4x7/8	M14x2	1700	2.3	1.90	4.2	20	42	32	68	3/8	13	1/2
A	KA16120B5VK	615 170 454 0	12000	127x6.4x22.2	5x1/4x7/8	5/8-11	1700	2.3	1.90	4.2	20	42	32	68	3/8	13	1/2
A	KA16120H5K	615 170 434 0	12000	127x6.4x22.2	5x1/4x7/8	HEX	1700	2.3	1.77	3.9	20	42	32	68	3/8	13	1/2
B	KA16120A5	615 170 437 0	12000	127x6.4x22.2	5x1/4x7/8	M14x2	1700	2.3	1.77	3.9	20	42	32	68	3/8	13	1/2
B	KA16120B5	615 170 439 0	12000	127x6.4x22.2	5x1/4x7/8	5/8-11	1700	2.3	1.77	3.9	20	42	32	68	3/8	13	1/2
B	KA16120H5	615 170 444 0	12000	127x6.4x22.2	5x1/4x7/8	HEX	1700	2.3	1.77	3.9	20	42	32	68	3/8	13	1/2

5/8"-11 UNC

Accessories



KL1120A5 - ø 127mm (5")

ACCESSORIES INCLUDED

ITEM		KL1120A5 M14x2 / 5/8"-11
	• 3/8" air hose nipple for 10mm (3/8") ID hose	615 704 017 0
1	Wheel guard	615 504 086 0
2	Rear flange	615 503 096 0
3	Washer for wheels thickness <2mm	615 642 052 0
4	Nut	615 606 032 0
5	Safety screw	615 614 033 0
	• Pin wrench, 35mm (1-3/8")	615 802 010 0
	• Flat wrench, 27mm (1-1/16")	615 801 077 0
	• Hex. key 6mm	615 802 056 0

OPTIONAL ACCESSORIES

SANDING WITH STANDARD ABRASIVE DISC Ø 127MM (5")		KL1120A M14x2
ITEM		
A	Soft sanding kit for abrasive disc (including item 1-2)	615 399 251 0
1	Ventilated backing pad with nut M14 (max. 12000 rpm)	615 990 127 0
	• Pin wrench, 35mm (1-3/8")	615 802 010 0
	• Hex key 8mm (5/16")	615 802 061 0
2	M14 Spacer	615 641 027 0

SANDING WITH SEMIRIGID DISC Ø 127MM (5")		KL1120A M14x2
ITEM		
3	Wheel guard	615 504 086 0
B	Sanding kit for semirigid disc (including item 4-2)	615 399 203 0
4	Backing pad with nut M14 (max. 12000 rpm)	615 990 129 0
2	M14 Spacer	615 641 027 0
	• Hex key 8mm (5/16")	615 802 061 0
	• Pin wrench, 35mm (1-3/8")	615 802 010 0

OTHER OPTIONAL ACCESSORIES

ITEM		PART NO.
C	Silencer kit	615 396 117 0
D	Silencer kit	615 399 462 0

KA16100B6FVK - ø 150mm (6")

ACCESSORIES INCLUDED

ITEM		KA16100B6FVK 5/8"-11
	• Complete silencer kit	615 396 166 0
	• Vibration-damping side handle	615 576 066 0
	• Clamp	615 263 024 0
1	Wheel guard	615 504 202 0
2	Auto-balancer	615 990 181 0
3	Front flange	615 502 067 0
4	Safety screw	615 614 076 0
	• Pin wrench, 35mm (1-3/8")	615 802 010 0
	• Hex. key 6.35mm (1/4")	615 802 057 0

OPTIONAL ACCESSORIES

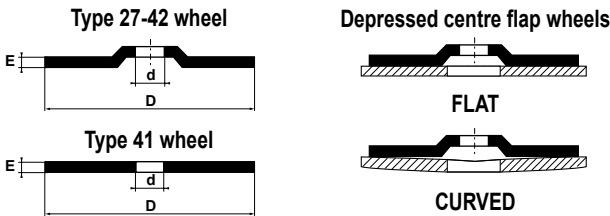
ITEM		KA16100B6FVK
5	Clippable silencer	615 396 957 0
6	Grease gun includes 24g (0.8oz)	615 990 149 0
	• Grease for bevel gear (1kg - 2.2lb)	615 990 148 0



Grinders for depressed center wheels, cut-off wheels and flap wheels $\varnothing$ 127mm (5") - $\varnothing$ 150mm (6")

750 and 1600 Watts (1 and 2.15 hp) - 10000 and 12000 rpm

Fixed wheel guard

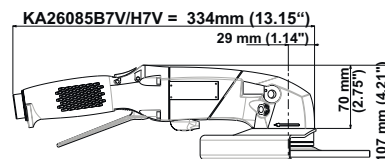
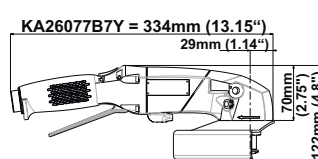
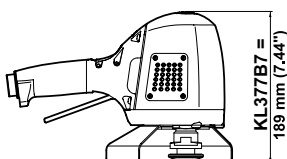
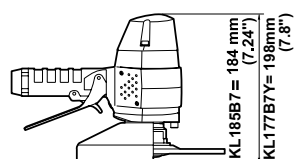


Caution: comply with the speeds recommended by component and abrasive manufacturers.

PIC REF	MODEL	PART NUMBER	FREE SPEED	WHEEL MAX CAPACITY DXEXD		THREADED SPINDLE	POWER		WEIGHT		AIR CONSUMPTION AT FREE SPEED		AIR CONSUMPTION AT MAX OUTPUT		AIR INLET THREAD	HOSE IN/ Ø	
				rpm	mm		in.	in.	W	hp	kg	lb.	l/s	cfm		l/s	cfm
A	KL1120A5	615 170 013 0	12000	127x6.4x22.2	5x1/4x7/8	M14x2	750	1.0	2.3	5.0	16	34	16	34	3/8	10	3/8
B	KA16100B6FVK	615 170 470 0	10000	150x7.0x22.2	6x1/4x7/8	5/8-11	1600	2.15	1.9	4.2	20	42	32	68	3/8	13	1/2

5/8"-11 UNC

Accessories



KL185B7 / KL377B7 / KL177B7Y - Ø 180mm (7")

ACCESSORIES INCLUDED

ITEM	KL185B7 Ø 180mm (7")	KL377B7 / V Ø 180mm (7")	KL177B7Y Ø 180mm (7")
• 1/2" air hose nipple for 16mm (5/8") ID hose	615 704 014 0		
• 1/2" air hose nipple for 13mm (1/2") ID hose	615 704 016 0		615 704 016 0
1 Wheel guard	615 504 095 0	615 504 182 0	615 504 169 0
2 Rear flange for model B7	615 503 103 0	615 503 103 0	615 503 150 0
3 Auto-balancer for model B7V		615 503 146 0	
4 Nut	615 542 104 0	615 542 104 0	615 608 049 0
5 Safety screw	615 614 034 0	615 614 034 0	615 614 034 0
• Pin wrench, 35mm (1-3/8")	615 802 010 0	615 802 010 0	
• Flat wrench, 27mm (1-1/16")	615 801 077 0	615 801 077 0	615 801 077 0
• Hex. key 6mm	615 802 056 0	615 802 056 0	615 802 056 0

KL360B6C / KL360B6CY - Ø 150mm (6")

ACCESSORIES INCLUDED

ITEM	KL360B6C	KL360B6CY
• 1/2" air hose nipple for 16mm (5/8") ID hose	615 704 014 0	615 704 014 0
1 Wheel guard	615 504 181 0	615 504 178 0
2 Rear flange	615 503 116 0	615 503 150 0
3 Safety screw	615 614 034 0	
4 Nut		615 608 049 0
• Lever		615 595 202 0
• Flat wrench. 27mm (11/16")	615 801 077 0	
• Hex. key	615 802 056 0	615 802 061 0

OTHER OPTIONAL ACCESSORIES

ITEM	KL185B7	KL377B7	KL177B7Y
A Silencer	615 399 462 0		615 399 462 0
B Silencer		615 399 463 0	
C Auto-Balancer	615 503 146 0		

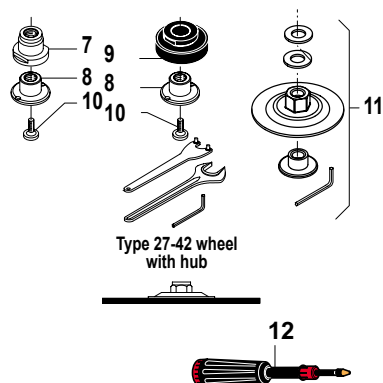
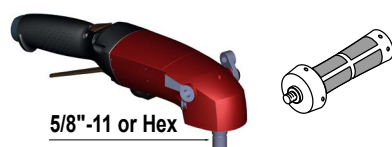
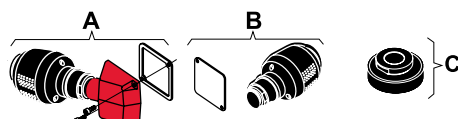
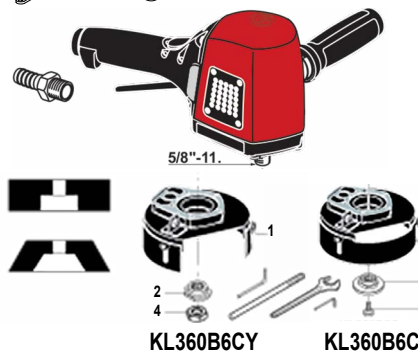
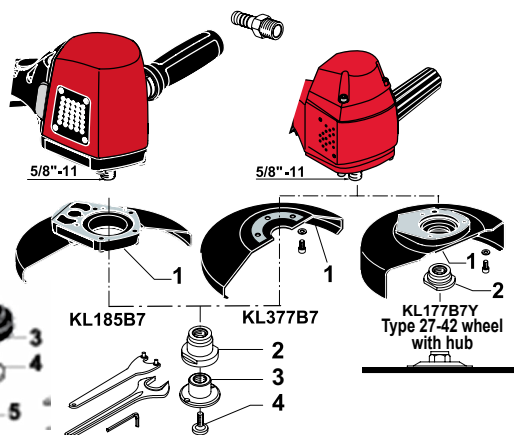
KA26085B7V / KA26085H7V / KA26077B7Y - Ø 180mm (7")

ACCESSORIES INCLUDED

ITEM	KA26085B7V	KA26085H7V	KA26077B7Y
• Vibration damping side handle	615 576 066 0	615 576 066 0	615 576 066 0
• 1/2" air hose nipple for 16mm (5/8") ID hose	615 704 014 0	615 704 014 0	615 704 014 0
• Rotating exhaust kit	615 397 743 5	615 397 743 5	615 397 743 5
• Rotating handle support kit	615 397 741 5	615 397 741 5	615 397 741 5
1 Wheel guard kit	615 504 211 5	615 504 211 5	615 504 213 5
2 Auto-balancer	615 990 181 0	615 990 194 0	
3 Rear flange		615 503 164 0	615 503 153 0
4 Front flange	615 502 067 0	615 502 085 0	
5 Nut 5/8"			615 608 049 0
6 Safety screw	615 614 076 0		615 614 034 0
• Pin wrench, 35mm (1-3/8")	615 802 010 0	615 802 010 0	
• Hex key	615 802 056 0	615 802 056 0	615 802 056 0

OPTIONAL ACCESSORIES

ITEM	KL177B7Y KA26077B7Y
7 Rear flange	615 503 103 0
8 Nut	615 542 104 0
9 Rear flange balancer	615 503 146 0
10 Safety screw	615 614 034 0
11 Wheel adaptor	C087920
• Pin wrench	615 802 010 0
• Flat wrench	615 801 077 0
• Hex key	615 802 056 0
12 Grease gun includes 24g (0.8oz)	615 990 149 0
• Grease for bevel gear (1kg - 2.2lb)	615 990 148 0



Grinders for depressed center wheels, cut-off wheels and flap wheels ø 180mm (7")

1200 to 3000 Watts (1.61 to 4.02 hp) - 6000 to 8500 rpm



A



B



C



D

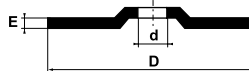


E



F

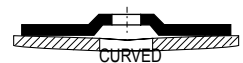
Type 27-42 wheel



Type 41 wheel



Depressed centre flap wheels

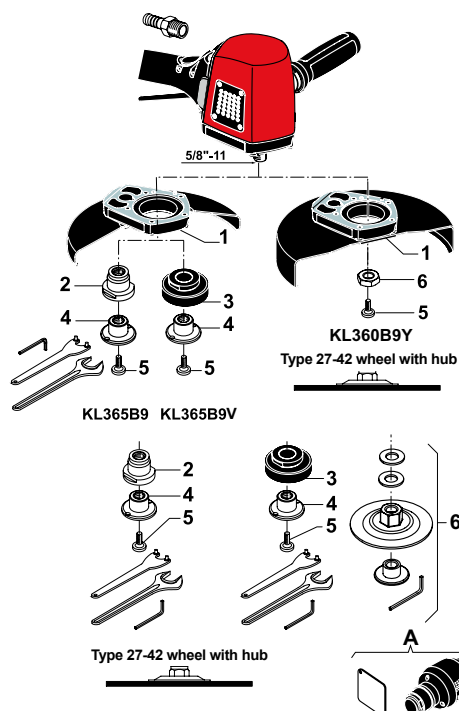
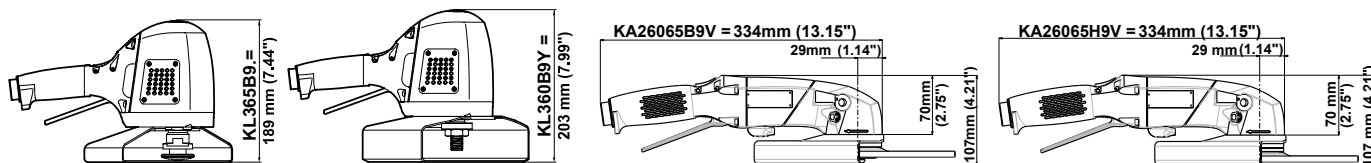


Caution: comply with the speeds recommended by component and abrasive manufacturers.

PIC REF	MODEL	PART NUMBER	FREE SPEED	WHEEL MAX CAPACITY DxExd		THREADED SPINDLE	POWER		WEIGHT		AIR CONSUMPTION				AIR INLET THREAD	HOSE INT. Ø	
			rpm	mm	in.	in.	W	hp	kg	lb.	l/s	cfm	l/s	cfm	in.	mm	in.
VERTICAL GRINDERS																	
A	KL185B7	615 170 012 0	8500	180x9.5x22.2	7x3/8x7/8	5/8-11	1200	1.61	2.8	6.1	16	34	27	57	1/2	13	1/2
B	KL377B7	615 170 341 0	7700	180x9.5x22.2	7x3/8x7/8	5/8-11	3000	4.02	4.2	9.2	19	40	46	97	1/2	15	5/8
For USA Market only (to ANSI B186.1)																	
C	KL177B7Y	615 170 182 0	7700	180x9.5x22.2	7x3/8x7/8	5/8-11	1200	1.61	2.8	6.1	8	17	25	53	1/2	15	5/8
LOW VIBRATION - VERTICAL GRINDERS																	
B	KL377B7V	615 170 472 0	7700	180x9.5x22.2	7x3/8x7/8	5/8-11	3000	4.02	4.3	9.4	19	40	46	97	1/2	15	5/8
VERTICAL GRINDERS for cup wheels																	
D	KL360B6C	615 170 337 0	6000	150	6	5/8-11	2400	3.22	4.2	9.2	9	19	39	82	1/2	15	5/8
For USA Market only (to ANSI B186.1)																	
D	KL360B6CY	615 170 351 0	6000	150	6	5/8-11	2900	3.89	4.4	9.7	12	25	43	91	1/2	15	5/8
ANGLE GRINDERS																	
E	KA26085B7V	615 170 476 0	8500	180x9.5x22.2	7x3/8x7/8	5/8-11	2100	2.82	2.7	5.9	17	36	36	77	1/2	15	5/8
E	KA26085H7V	615 170 489 0	8500	180x9.5x22.2	7x3/8x7/8	HEX.	2100	2.82	2.7	5.9	17	36	36	77	1/2	15	5/8
For USA Market only (to ANSI B186.1)																	
F	KA26077B7Y	615 170 478 0	7700	180x9.5x22.2	7x3/8x7/8	5/8-11	2100	2.82	2.7	6.6	16	33	32	69	1/2	15	5/8

5/8"-11 UNC

Accessories



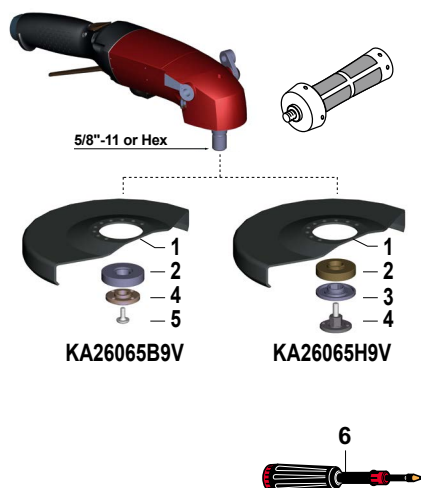
KL365B9 / KL365B9V / KL360B9Y - Ø 230mm (9")

ACCESSORIES INCLUDED

ITEM	KL365B9 KL365B9V	KL360B9Y
• 1/2" air hose nipple for 16 mm (5/8") ID hose	615 704 014 0	615 704 014 0
1 Wheel guard	615 504 183 0	615 504 180 0
2 Rear flange for model B9	615 503 103 0	
3 Auto-balancer for model B9V	615 503 146 0	
4 Nut	615 542 104 0	
5 Safety screw	615 614 034 0	615 614 034 0
6 Nut		615 608 049 0
• Flat wrench, 27mm (1-1/16")	615 801 077 0	615 801 077 0
• Pin wrench, 35mm (1-3/8")	615 802 010 0	
• Hex. Key 6mm	615 802 056 0	615 802 056 0

OPTIONAL ACCESSORIES

ITEM	KL365B9	KL360B9Y
2 Rear flange		615 503 103 0
3 Auto-balancer		615 503 146 0
4 Nut		615 542 104 0
5 Safety screw		615 614 034 0
6 Wheel adaptor		C087920
• Pin wrench, 35mm (1-3/8")		615 802 010 0
• Flat wrench, 27mm (1-1/16")		615 801 077 0
• Hex. Key 6mm		615 802 056 0
A Silencer kit	615 399 463 0	615 399 463 0



KA26065B9V / KA26065H9V - Ø 230mm (9")

ACCESSORIES INCLUDED

ITEM	KL365B9	KL360B9Y
• Vibration damping side handle	615 576 066 0	615 576 066 0
• 1/2" air hose nipple for 16mm (5/8") ID hose	615 704 014 0	615 704 014 0
• Rotating exhaust kit	615 397 743 5	615 397 743 5
• Rotating handle support kit	615 397 741 5	615 397 741 5
1 Wheel guard kit	615 504 212 5	615 504 212 5
2 Auto-balancer	615 990 181 0	615 990 194 0
3 Rear flange		615 503 164 0
4 Front flange	615 502 067 0	615 502 085 0
5 Safety screw	615 614 076 0	
• Pin wrench, 35mm (1-3/8")	615 802 010 0	615 802 010 0
• Hex key	615 802 056 0	615 802 056 0

OPTIONAL ACCESSORIES

ITEM	PART NO.
6 Grease gun includes 24g (0.8oz)	615 990 149 0
• Grease for bevel gear (1kg - 2.2lb)	615 990 148 0



Grinders for depressed center wheels

Ø 230mm (9")

2100 and 2900 Watts (2.82 and 3.89 hp) - 6000 and 6500 rpm



A

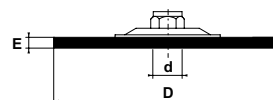


B

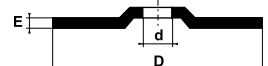


C

Type 27-42 wheel
with hub



Type 27-42 wheel



Type 41 wheel

Caution: comply with the speeds recommended by component and abrasive manufacturers.

PIC REF	MODEL	PART NUMBER	FREE SPEED	WHEEL MAX CAPACITY DxExd		THREADED SPINDLE	POWER		WEIGHT		AIR CONSUMPTION				AIR INLET THREAD		HOSE INT. Ø	
											AT FREE SPEED		AT MAX OUTPUT		in.	mm	in.	mm
			rpm	mm	in.	in.	W	hp	kg	lb.	l/s	cfm	l/s	cfm				

VERTICAL GRINDERS

A	KL365B9	615 170 338 0	6500	230x6.4x22.2	9x1/4x7/8	5/8-11	2900	3.89	4.4	9.7	13	27	44	93	1/2	15	5/8
---	---------	---------------	------	--------------	-----------	--------	------	------	-----	-----	----	----	----	----	-----	----	-----

For USA Market only (to ANSI B186.1)

B	KL360B9Y	615 170 350 0	6000	230x6.4x22.2	9x1/4x7/8	5/8-11	2900	3.89	4.4	9.7	12	25	43	91	1/2	15	5/8
---	----------	---------------	------	--------------	-----------	--------	------	------	-----	-----	----	----	----	----	-----	----	-----

LOW VIBRATION - VERTICAL GRINDERS

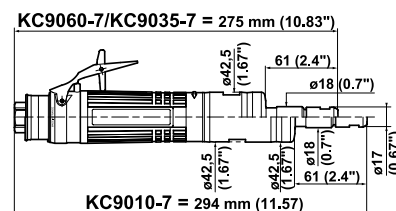
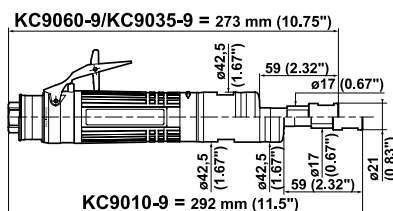
A	KL365B9V	615 170 474 0	6500	230x6.4x22.2	9x1/4x7/8	5/8-11	2900	3.89	4.5	9.9	13	27	44	93	1/2	15	5/8
---	----------	---------------	------	--------------	-----------	--------	------	------	-----	-----	----	----	----	----	-----	----	-----

ANGLE GRINDERS

C	KA26065B9V	615 170 477 0	6500	230x6.4x22.2	9x1/4x7/8	5/8-11	2100	2.82	2.9	6.4	21	44	38	80	1/2	15	5/8
C	KA26065H9V	615 170 490 0	6500	230x6.4x22.2	9x1/4x7/8	HEX.	2100	2.82	2.9	6.4	21	44	38	80	1/2	15	5/8

5/8"-11 UNC

Accessories



KC9060-9 / KC9035-9 / KC9010-9

ACCESSORIES INCLUDED

	PART NO.
• Series 200 resilient collet, $\varnothing$ 5.55 to 6.35mm (1/4")	615 526 063 0
• Exhaust hose L = 1.5m (60")	615 875 113 0
• Clamp	615 873 415 0
• 3/8" air hose nipple for 10mm (3/8") ID hose	615 704 017 0
• Flat wrench, 14mm	615 801 005 0
• Flat wrench, 19mm (3/4")	615 801 076 0
• Side handle	615 576 068 0

OPTIONAL ACCESSORIES

ITEM		PART NO.
• Series 200 resilient collet, $\varnothing$ 2.4 to 3.2mm (1/8")		615 526 061 0
• Series 200 resilient collet, $\varnothing$ 5.2 to 6mm		615 526 062 0
• Series 200 resilient collet, $\varnothing$ 7.2 to 8mm (5/16")		615 526 064 0
• Series 200 resilient collet, $\varnothing$ 8.7 to 9.5mm (3/8")		615 526 065 0
1 Nut 3/8" - 24		615 608 044 0
2 Complete silencer kit		615 396 166 0
3 Clamp		615 873 115 0
4 Reinforced cloth-lined exhaust hose L = 0.75m (30")		615 875 116 0
5 Clippable silencer		615 396 655 0

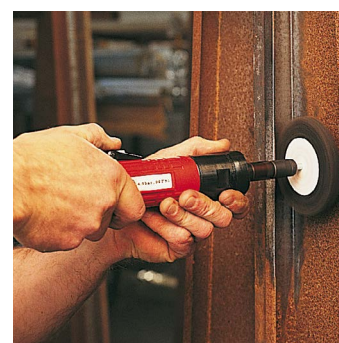
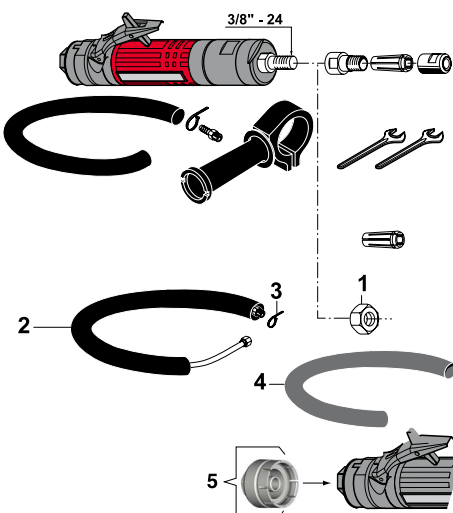
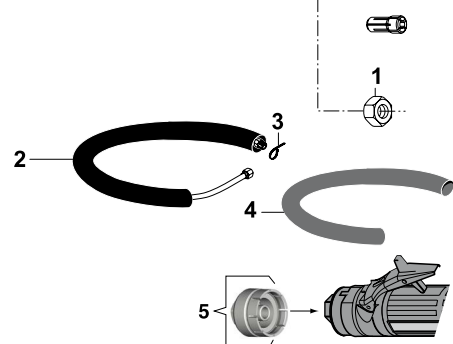
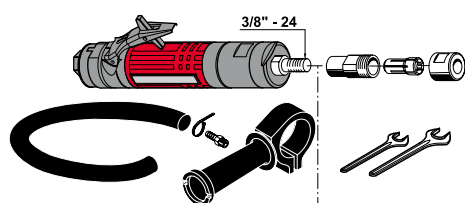
KC9060-7 / KC9035-7 / KC9010-7

ACCESSORIES INCLUDED

	PART NO.
• CNOMO collet $\varnothing$ 6mm	615 526 049 0
• Exhaust hose L = 1.5m (60")	615 875 113 0
• Clamp	615 873 415 0
• 3/8" air hose nipple for 10mm (3/8") ID hose	615 704 017 0
• Flat wrench, 14mm (Qty 2)	615 801 005 0
• Side handle	615 576 068 0

OPTIONAL ACCESSORIES

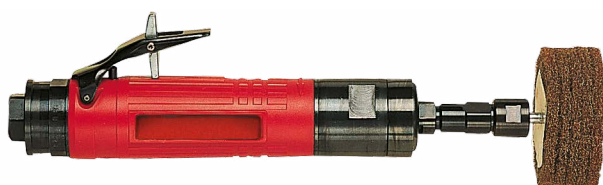
ITEM		PART NO.
• CNOMO collet $\varnothing$ 3mm		615 526 048 0
• CNOMO collet $\varnothing$ 6.35mm (1/4")		615 526 050 0
• CNOMO collet $\varnothing$ 8mm (5/16")		615 526 051 0
1 Nut 3/8" - 24		615 608 044 0
2 Complete silencer kit		615 396 166 0
3 Clamp		615 873 115 0
4 Reinforced cloth-lined exhaust hose L = 0.75m (30")		615 875 116 0
5 Clippable silencer		615 396 655 0



Sanders for expandable wheels, flap wheels, brushes

900 Watts (1.21 hp) - 1000 to 5500 rpm

Supplied with series 200 Erickson collet, Ø 5.55 to 6.35mm (1/4")



A



B

Series 200 Erickson collet



Caution: comply with the speeds recommended by component and abrasive manufacturers.

PIC REF	MODEL	PART NUMBER	FREE SPEED	COLLET MAX CAPACITY		POWER		WEIGHT		AIR CONSUMPTION				AIR INLET THREAD	HOSE INT. Ø	
										AT FREE SPEED		AT MAX. POWER				
			rpm	mm	in.	W	hp	kg	lb.	l/s	cfm	l/s	cfm	in.	mm	in.
A	KC9060-9	615 170 166 0	5500	9.5	3/8	900	1.21	1.38	3.0	10	21	16	34	3/8	10	3/8
A	KC9035-9	615 170 167 0	3500	9.5	3/8	900	1.21	1.38	3.0	6	13	14	30	3/8	10	3/8
B	KC9010-9	615 170 168 0	1000	9.5	3/8	900	1.21	1.45	3.2	10	21	16	34	3/8	10	3/8

Sanders for expandable wheels, flap wheels, brushes...

900 Watts (1.21 hp) - 1000 to 5500 rpm

Supplied with CNOMO collet, Ø 6mm



A



B

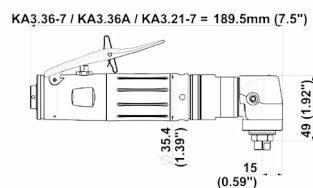
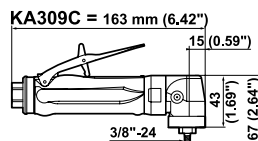
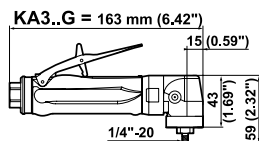
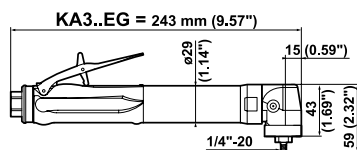
CNOMO type collet



Caution: comply with the speeds recommended by component and abrasive manufacturers.

PIC REF	MODEL	PART NUMBER	FREE SPEED	COLLET MAX CAPACITY		POWER		WEIGHT		AIR CONSUMPTION				AIR INLET THREAD	HOSE INT. Ø	
										AT FREE SPEED		AT MAX. POWER				
			rpm	mm	in.	W	hp	kg	lb.	l/s	cfm	l/s	cfm	in.	mm	in.
A	KC9060-7	615 170 122 0	5500	8	5/16	900	1.21	1.38	3.0	10	21	16	34	3/8	10	3/8
A	KC9035-7	615 170 121 0	3500	8	5/16	900	1.21	1.38	3.0	6	13	14	30	3/8	10	3/8
B	KC9010-7	615 170 120 0	1000	8	5/16	900	1.21	1.45	3.2	10	21	16	34	3/8	10	3/8

Accessories



KA3..EG / KA3..G / KA309C

ACCESSORIES INCLUDED

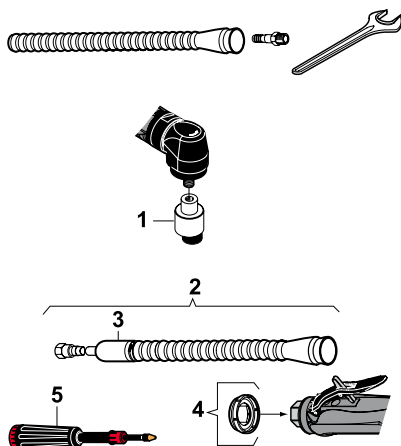
	PART NO.
• Exhaust hose L = 0.8m (31")	615 875 106 0
• 1/4" air hose nipple for 8mm (5/16") ID hose	615 704 019 0
• Flat wrench, 11mm (7/16")	615 801 003 0

OPTIONAL ACCESSORIES

ITEM	KA309C 3/8"-24
1 Excentric sanding head for 1" pad	615 396 251 0

OTHER OPTIONAL ACCESSORIES

ITEM	PART NO.
2 Complete silencer kit	615 396 101 0
3 Silencer	615 574 028 0
4 Clippable silencer	615 396 124 0
5 Grease gun (capacity 24g - 0.8oz)	615 990 149 0
• Grease for bevel gear (1kg - 2.2lb)	615 990 148 0



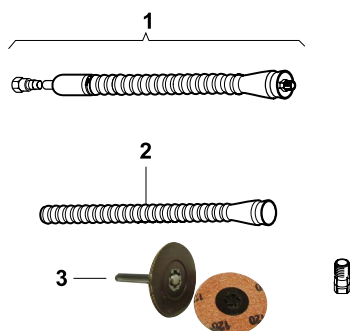
KA3.36A / KA3.36-7 / KA3.21-7

ACCESSORIES INCLUDED

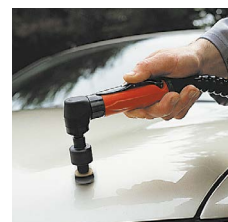
	KA3.36A	KA3.36-7/KA3.21-7
• Collet ø 6mm	-	615 526 079 0
• 1/4" air hose nipple for 6mm (1/4") ID hose	615 705 009 0	615 705 009 0
• Flat wrench, 10mm (3/8")	-	615 801 002 0
• Flat wrench, 14mm	-	615 801 005 0

OPTIONAL ACCESSORIES

ITEM	KA3.36A	KA3.36-7/KA3.21-7
1 Complete silencer kit	615 399 423 0	615 399 423 0
2 Exhaust hose L = 0.8m (31")	615 875 106 0	615 875 106 0
3 Backing pad ø 50mm (31/32")		615 804 098 0
• Collet ø 2mm		615 526 066 0
• Collet ø 2.5mm		615 526 068 0
• Collet ø 3mm		615 526 069 0
• Collet ø 3.5mm		615 526 070 0
• Collet ø 4mm (5/32")		615 526 071 0
• Collet ø 4.5mm		615 526 073 0
• Collet ø 5mm		615 526 075 0
• Collet ø 5.5mm		615 526 077 0
• Collet ø 6mm		615 526 079 0
• Collet ø 6.5mm (1/4")		615 526 081 0
• Collet ø 7mm		615 526 083 0
• Collet ø 7.5mm		615 526 084 0
• Collet ø 8mm (5/16")		615 526 088 0



See page 207



Sanders for abrasive discs

220 to 375 Watts (0.3 to 0.5 hp) - 2100 to 20000 rpm

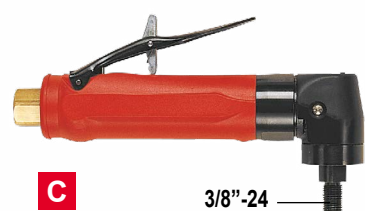
Supplied with 1/4", 3/8" or M14 threaded spindle only



A

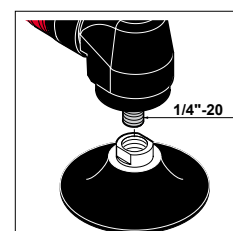


B



C

3/8"-24



D

M14x2



E

CNOMO collet, Ø 6mm

Caution: comply with the speeds recommended by component and abrasive manufacturers.

PIC REF	MODEL	PART NUMBER	FREE SPEED	ABRASIVE OR COLLET MAX CAPACITY		THREADED SPINDLE	POWER		WEIGHT		AIR CONSUMPTION				AIR INLET THREAD	HOSE INT. Ø	
											AT FREE SPEED	AT MAX SPEED					
			rpm	ø mm	ø in.	in.	W	hp	kg	lb.	l/s	cfm	l/s	cfm	in.	mm	in.
A	KA320EG	615 170 048 0	20000	76	3	1/4-20	375	0.5	0.67	1.47	6.5	13.5	10	21	1/4	8	5/16
A	KA312EG	615 170 040 0	12000	76	3	1/4-20	375	0.5	0.67	1.47	3.0	6.5	9	19	1/4	8	5/16
B	KA320G	615 170 044 0	20000	76	3	1/4-20	375	0.5	0.50	1.10	6.5	13.5	10	21	1/4	8	5/16
B	KA318G	615 170 310 0	18000	76	3	1/4-20	375	0.5	0.50	1.10	3.0	6.5	9	19	1/4	8	5/16
B	KA312G	615 170 038 0	12000	76	3	1/4-20	375	0.5	0.50	1.10	3.0	6.5	9	19	1/4	8	5/16
B	KA309G	615 170 204 0	9000	76	3	1/4-20	220	0.3	0.50	1.10	2.2	4.7	8	17	1/4	8	5/16
C	KA309C	615 170 203 0	9000	76	3	3/8-24	220	0.3	0.50	1.10	2.2	4.7	8	17	1/4	8	5/16
LOW SPEED SANDERS																	
D	KA3.36A	615 170 525 0	3600	-		M14x2	300	0.4	0.70	1.54	9.5	20.0	-	-	1/4	6	1/4
E	KA3.36-7	615 170 523 0	3600	cap. 8mm (5/16")		-	300	0.4	0.70	1.54	9.5	20.0	-	-	1/4	6	1/4
E	KA3.21-7	615 170 524 0	2100	cap. 8mm (5/16")		-	300	0.4	0.70	1.54	9.5	20.0	-	-	1/4	6	1/4

1/4"-20 UNC - 3/8"-24 UNF

Sanders for abrasive discs

Ø 100mm (4") - Ø 127mm (5") - Ø 150mm (6")
Ø 180mm (7")

1350 to 1700 Watts (1.83 to 2.3 hp) - 6000 to 13500 rpm

Supplied with M14 or 5/8" threaded spindle only



A



B



C D



C D

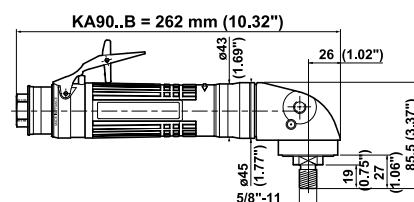
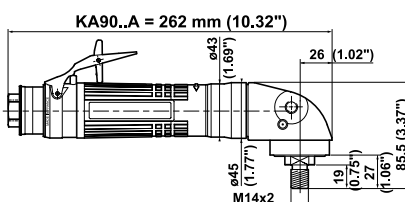
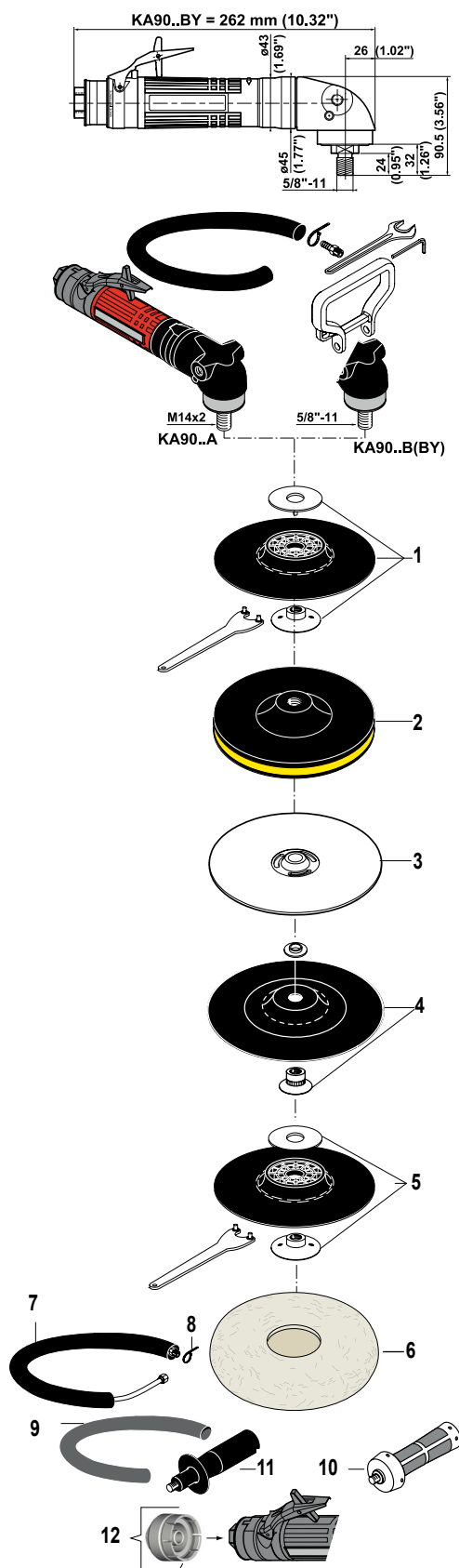


Caution: comply with the speeds recommended by component and abrasive manufacturers.

PIC REF	MODEL	PART NUMBER	FREE SPEED	THREADED SPINDLE	POWER		WEIGHT		AIR CONSUMPTION				AIR INLET THREAD	HOSE INT. Ø	
									AT FREE SPEED		AT MAX. SPEED				
			rpm	in.	W	hp	kg	lb.	l/s	cfm	l/s	cfm	in.	mm	in.
A	KA16135C4S	615 170 446 0	13500	3/8-24	1 700	2.28	1.48	3.3	25	53	35	74	3/8	13	1/2
B	KA16120A	615 170 435 0	12000	M14x2	1 700	2.28	1.39	3.0	20	42	32	68	3/8	13	1/2
B	KA16120B	615 170 445 0	12000	5/8-11	1 700	2.28	1.39	3.0	20	42	32	68	3/8	13	1/2
C/D	KA16085A	615 170 468 0	8500	M14x2	1 700	2.28	1.39	3.0	20	42	32	68	3/8	13	1/2
C/D	KA16085B	615 170 469 0	8500	5/8-11	1 700	2.28	1.39	3.0	20	42	32	68	3/8	13	1/2
C/D	KA16075A	615 170 448 0	7500	M14x2	1 500	2.01	1.39	3.0	15	32	27	57	3/8	13	1/2
C/D	KA16075B	615 170 452 0	7500	5/8-11	1 500	2.01	1.39	3.0	15	32	27	57	3/8	13	1/2
C/D	KA16060A	615 170 449 0	6000	M14x2	1 350	1.81	1.41	3.1	11	23	23	49	3/8	13	1/2
C/D	KA16060B	615 170 453 0	6000	5/8-11	1 350	1.81	1.41	3.1	11	23	23	49	3/8	13	1/2
For USA Market only (to ANSI B186.1)															
B	KA16120BY	615 170 447 0	12000	5/8-11	1 700	2.28	1.41	3.1	20	42	32	68	3/8	13	1/2
D	KA16075BY	615 170 450 0	7500	5/8-11	1 500	2.01	1.41	3.1	15	32	27	57	3/8	13	1/2
D	KA16060BY	615 170 451 0	6000	5/8-11	1 350	1.81	1.41	3.1	11	23	23	49	3/8	13	1/2

3/8"-24 UNF - 5/8"-11 UNC

Accessories



KA90..A / KA90..B / KA90..BY

ACCESSORIES INCLUDED

	PART NO.
• Exhaust hose L = 1.5m (60")	615 875 113 0
• Clamp	615 873 415 0
• 3/8" air hose nipple for 10mm (3/8") ID hose	615 704 017 0
• Support handle	615 576 069 0
• Flat wrench, 17mm (1-1/16")	615 801 032 0
• Hex key 8mm (5/16")	615 802 061 0

OPTIONAL ACCESSORIES

SANDING ITEM	KA90..A M14x2	KA90..B 5/8"-11	KA9030/20BY 5/8"-11
1 Soft backing pad with nut M14 & 5/8" ø 180mm (7") (max. 8500 rpm)	615 990 133 0	615 990 133 0	
1 Rigid backing pad with nut M14 & 5/8" ø 180mm (7") (max. 8500 rpm)	615 990 134 0	615 990 134 0	
• Pin wrench, 35mm (1-3/8")	615 802 010 0	615 802 010 0	
2 Rigid velcro-backed backing pad ø 180mm (7") (max. 8700 rpm)		615 990 146 0	
2 Rigid velcro-backed backing pad ø 150mm (6") (max. 10000 rpm)		615 990 138 0	
3 Spiracool pad with nut ø 180mm (7") (max. 8500 rpm)			S091836
3 Spiracool pad with nut ø 230mm (9") (max. 6500 rpm)			S091839
4 Complete Kit ø 180mm (7") (max. 7000 rpm)			K129587
• Hex. Key 8mm (5/16")			615 802 061 0

POLISHING ITEM	KA90..A	KA90..B
5 Soft backing pad with nut M14 & 5/8" ø 180mm (7") (max. 8500 rpm)	615 990 133 0	615 990 133 0
• Pin wrench 35mm (1-3/8")	615 802 010 0	615 802 010 0
6 Sheepskin ø 180mm (7") (max. 2100 rpm)	615 845 999 0	615 845 999 0

OTHER OPTIONAL ACCESSORIES

ITEM	PART NO.
7 Complete silencer kit	615 396 166 0
8 Clamp	615 873 115 0
9 Reinforced cloth-lined exhaust hose L = 0.75m (30")	615 875 116 0
10 Vibration-damping side handle	615 576 066 0
11 Side handle	615 576 038 0
12 Clippable silencer	615 396 655 0

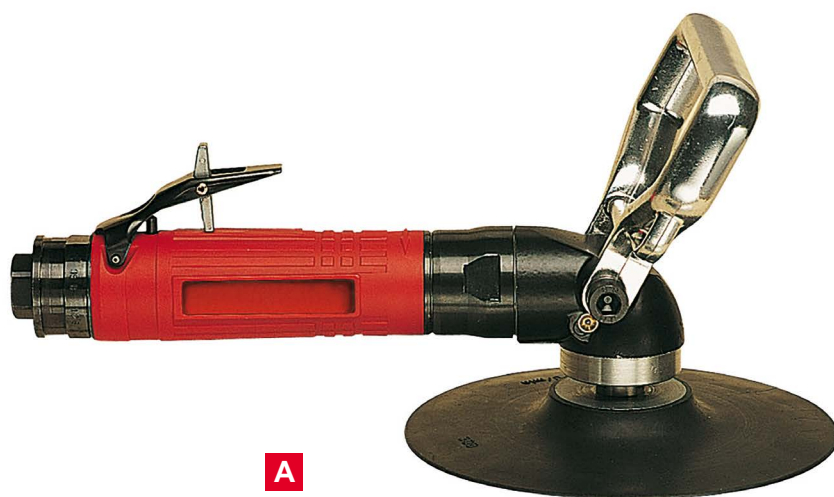


Sanders for abrasive discs polishing

Ø 150mm (6") - Ø 180mm (7") - Ø 230mm (9")

900 Watts (1.21 hp) - 2000 and 3000 rpm

Supplied with M14 or 5/8" threaded spindle only



A

Caution: comply with the speeds recommended by component and abrasive manufacturers.

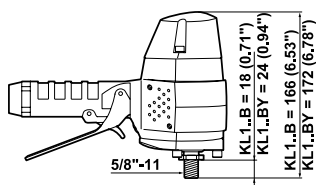
PIC REF	MODEL	PART NUMBER	FREE SPEED	THREADED SPINDLE	POWER		WEIGHT		AIR CONSUMPTION				AIR INLET THREAD	HOSE INT. Ø	
					W	hp	kg	lb.	AT FREE SPEED		AT MAX OUTPUT			mm	in.
A	KA9030A	615 170 098 0	3000	M14x2	900	1.21	1.6	3.5	13	27	17	36	3/8	10	3/8
A	KA9030B	615 170 099 0	3000	5/8-11	900	1.21	1.6	3.5	13	27	17	36	3/8	10	3/8
A	KA9020A	615 170 096 0	2000	M14x2	900	1.21	1.6	3.5	7	15	17	36	3/8	10	3/8
A	KA9020B	615 170 097 0	2000	5/8-11	900	1.21	1.6	3.5	7	15	17	36	3/8	10	3/8

For USA Market only (to ANSI B186.1)

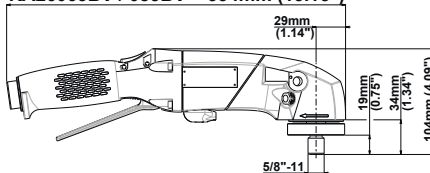
A	KA9030BY	615 170 309 0	3000	5/8-11	900	1.21	1.6	3.5	13	27	17	36	3/8	10	3/8
---	----------	---------------	------	--------	-----	------	-----	-----	----	----	----	----	-----	----	-----

5/8"-11 UNC

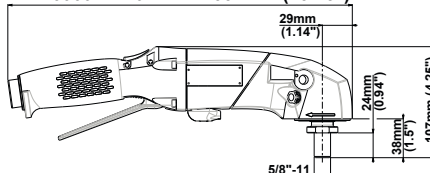
Accessories



KA26065BV / 085BV = 334mm (13.15")



KA26060BY / 077BY = 334mm (13.15")



KL165B / KA26085BV / KA26065BV / KA26077BY / KA26060BY

ACCESSORIES INCLUDED

	KL165B	KA26085BV / KA26065BV	KA26077BY KA26060BY
• Rear flange	615 503 107 0		615 503 107 0
• Auto-balancer		615 990 195 0	
• Rotating handle support kit		615 397 741 5	615 397 741 5
• Rotating exhaust kit		615 397 743 5	615 397 743 5
• 1/2" air hose nipple for 13mm (1/2") ID hose	615 704 016 0		
• 1/2" air hose nipple for 15mm (5/8") ID hose		615 704 014 0	615 704 014 0
• Vibration-damping side handle		615 576 066 0	615 576 066 0

OPTIONAL ACCESSORIES

SANDING WITH STANDARD ABRASIVE DISC Ø 180MM (7")	KL165B	KA26085BV KA26077BY
ITEM		
• Rear flange for KA26085BV		615 503 107 0
1 Soft Backing pad with nut 5/8", ø 180mm (7") - (max. 8500 rpm)	615 990 133 0*	615 990 133 0*
• Pin wrench, 35mm (1-3/8")	615 802 010 0	615 802 010 0
• Hex key 8mm (5/16")	615 802 061 0	

*Spare Part: Nut **615 608 047 0**

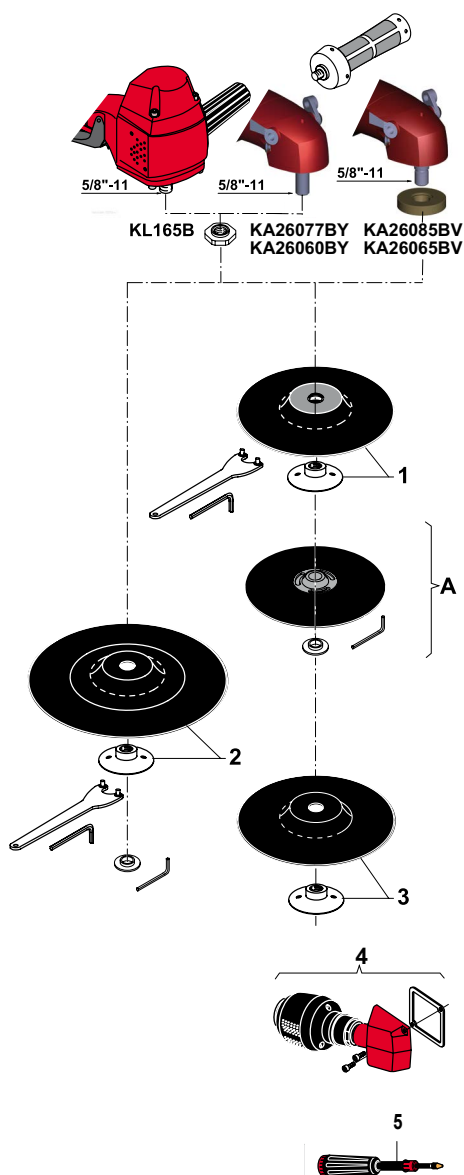
SANDING WITH SPIRACOO PAD Ø 180MM (7")	KA26077BY
ITEM	
A Spiracool pad with nut 5/8", ø 180mm (7") - (Max. 8500 rpm)	S091836
• Pin wrench 35mm (1-3/8")	615 802 010 0

SANDING WITH STANDARD ABRASIVE DISC Ø 230MM (9")	KA26065BV KA26060BY
ITEM	
• Rear flange for KA26065BV	615 503 107 0
2 Soft Backing pad with nut 5/8", ø 230mm (9") - (max. 6500 rpm)	615 990 141 0
• Pin wrench, 35mm (1-3/8")	615 802 010 0
• Hex key 8mm (5/16")	615 802 061 0

* Spare Part: Nut **608.29**

OTHER OPTIONAL ACCESSORIES

ITEM	KL165B	KA26..
3 Rigid backing pad with nut 5/8", ø 180mm (7") - (max. 8500 rpm)	615 990 134 0	
4 Silencer kit	615 399 462 0	
5 Grease gun includes 24g (0.8 oz)		615 990 149 0
• Grease for bevel gear (1kg - 2.2 lb)		615 990 148 0



Sanders for abrasive discs

Ø 180mm (7") - Ø 230mm (9")

1200 and 2100 Watts (1.61 and 2.82 hp) - 6000 to 8500 rpm

Supplied with 5/8" threaded spindle only



A



B



C

Caution: comply with the speeds recommended by component and abrasive manufacturers.

PIC REF	MODEL	PART NUMBER	FREE SPEED	ABRASIVE MAX CAPACITY DxExd		THREADED SPINDLE	POWER		WEIGHT		AIR CONSUMPTION				AIR INLET THREAD	HOSE INT. Ø	
											AT FREE SPEED		AT MAX SPEED				
			rpm	ø mm	ø in.	in.	W	hp	kg	lb.	l/s	cfm	l/s	cfm	in.	mm	in.

VERTICAL SANDER

A	KL165B	615 170 011 0	6500	180	7	5/8-11	1200	1.61	2.3	5.1	6	13	25	53	1/2	13	1/2
---	--------	---------------	------	-----	---	--------	------	------	-----	-----	---	----	----	----	-----	----	-----

ANGLE SANDERS

B	KA26085BV	615 170 479 0	8500	180	7	5/8-11	2100	2.82	2.3	5.1	17	36	36	77	1/2	15	5/8
B	KA26065BV	615 170 480 0	6500	180-230	7-9	5/8-11	2100	2.82	2.3	5.1	21	44	38	80	1/2	15	5/8

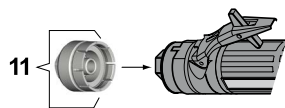
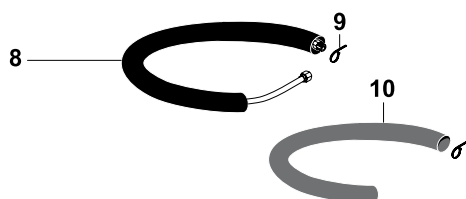
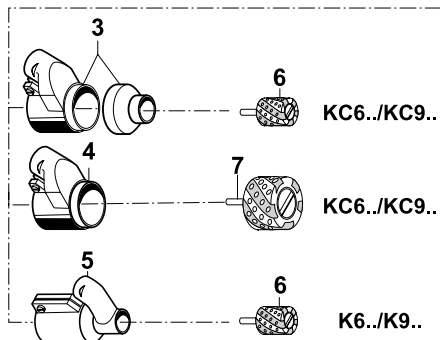
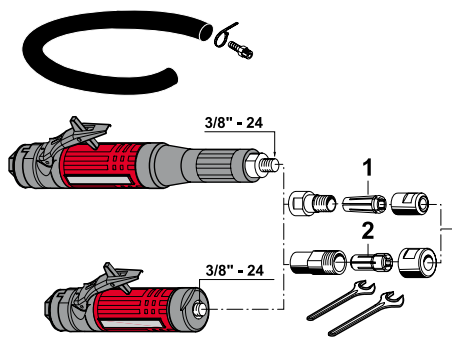
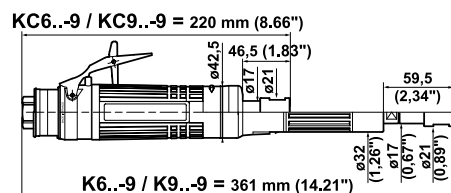
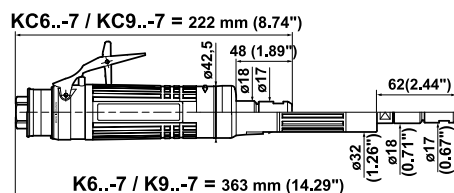
ANGLE SANDERS

For USA Market only (to ANSI B186.1)

C	KA26077BY	615 170 481 0	7700	180	7	5/8-11	2100	2.82	2.3	5.1	16	33	32	69	1/2	15	5/8
C	KA26060BY	615 170 482 0	6000	180-230	7-9	5/8-11	2100	2.82	2.3	5.1	18	38	37	77	1/2	15	5/8

5/8"-11 UNC

Accessories



K6... / K9... / KC6... / KC9...

ACCESSORIES INCLUDED

ITEM		COLLET CNOMO	COLLET SERIES 200
1	CNOMO collet $\varnothing$ 6mm	615 526 049 0	
2	Series 200 resilient collet, $\varnothing$ 5.55 to 6.35mm (1/4")		615 526 063 0
	• Exhaust hose L = 1.5m (60")	615 875 113 0	615 875 113 0
	• Clamp	615 873 415 0	615 873 415 0
	• 3/8" air hose nipple for 10mm (3/8") ID hose	615 704 017 0	615 704 017 0
	• Flat wrench 14mm	615 801 005 0	615 801 005 0
	• Flat wrench 19mm (3/4")		615 801 076 0

OPTIONAL ACCESSORIES

ITEM		K6../K9...	KC6../KC9..
3	Suction cap		615 396 013 0
4	Suction cap		615 396 023 0
5	Suction cap	615 396 014 0	
6	Diamond cylinder $\varnothing$ 27mm (1.06"), shank $\varnothing$ 6mm (1/4") (20000 rpm max)	615 860 003 0	615 860 003 0
7	Diamond cylinder $\varnothing$ 52mm (2.05"), shank $\varnothing$ 6mm (1/4") (15000 rpm max)		615 860 004 0

OTHER OPTIONAL ACCESSORIES

ITEM		PART NO.
8	Complete silencer kit	615 396 166 0
9	Clamp	615 873 115 0
10	Reinforced cloth-lined exhaust hose L = 0.75m (30")	615 875 116 0
11	Clippable silencer	615 396 655 0



Dust extraction systems for straight grinders

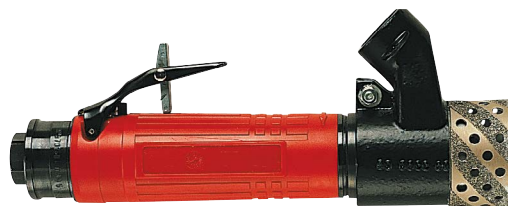
600 and 900 Watts (0.8 and 1.21 hp) - 12000 to 28000 rpm



A



B



B



615 396 014 0
Vacuum hose,
ID 25mm
(1")



615 396 013 0
Vacuum hose,
ID 32mm
(1-1/4")



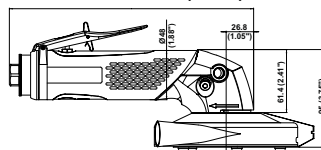
615 396 023 0
Vacuum hose,
ID 32mm
(1-1/4")

Caution: comply with the speeds recommended by component and abrasive manufacturers.

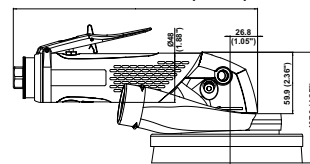
PIC REF	MODEL	PART NUMBER			SUCTION CAP ASSEMBLY	FREE SPEED	POWER		WEIGHT		AIR INLET THREAD
		CNOMO COLLET (-7)	SERIES 200 COLLET (-9)				W	hp	kg	lb.	
A	K628-	615 170 107 0	615 170 150 0	+	615 396 014 0	28000	600	0.80	1.3	2.9	3/8
A	K624-	615 170 106 0	615 170 151 0	+	615 396 014 0	24000	600	0.80	1.3	2.9	3/8
A	K922-	615 170 119 0	615 170 152 0	+	615 396 014 0	22000	900	1.21	1.4	3.1	3/8
A	K619-	615 170 105 0	615 170 153 0	+	615 396 014 0	19000	600	0.80	1.3	2.9	3/8
A	K918-	615 170 117 0	615 170 154 0	+	615 396 014 0	18000	900	1.21	1.4	3.1	3/8
A	K615-	615 170 104 0	615 170 155 0	+	615 396 014 0	15000	600	0.80	1.3	2.9	3/8
A	K915-	615 170 114 0	615 170 156 0	+	615 396 014 0	15000	900	1.21	1.4	3.1	3/8
A	K912-	615 170 110 0	615 170 157 0	+	615 396 014 0	12000	900	1.21	1.4	3.1	3/8
B	KC628-	615 170 126 0	615 170 158 0	+	615 396 013 0 or 615 396 023 0	28000	600	0.80	0.9	2.0	3/8
B	KC624-	615 170 125 0	615 170 159 0	+	615 396 013 0 or 615 396 023 0	24000	600	0.80	0.9	2.0	3/8
B	KC922-	615 170 130 0	615 170 160 0	+	615 396 013 0 or 615 396 023 0	22000	900	1.21	1.0	2.2	3/8
B	KC619-	615 170 124 0	615 170 161 0	+	615 396 013 0 or 615 396 023 0	19000	600	0.80	0.9	2.0	3/8
B	KC918-	615 170 129 0	615 170 162 0	+	615 396 013 0 or 615 396 023 0	18000	900	1.21	1.0	2.2	3/8
B	KC615-	615 170 123 0	615 170 163 0	+	615 396 013 0 or 615 396 023 0	15000	600	0.80	0.9	2.0	3/8
B	KC915-	615 170 128 0	615 170 164 0	+	615 396 013 0 or 615 396 023 0	15000	900	1.21	1.0	2.2	3/8
B	KC912-	615 170 127 0	615 170 165 0	+	615 396 013 0 or 615 396 023 0	12000	900	1.21	1.0	2.2	3/8

Accessories

KA16... = 238mm (9.37")



KA16... = 238mm (9.37")



KA16120. / KA16085. / KA16075. / KA16060.

ACCESSORIES INCLUDED

	PART NO.
• Exhaust hose L = 1.5m (60")	615 875 113 0
• Clamp	615 263 024 0
• 3/8" air hose nipple for 13mm (1/2") ID hose	615 704 027 0
• Side handle	615 576 038 0
• Flat wrench, 17mm (1-1/16")	615 801 032 0

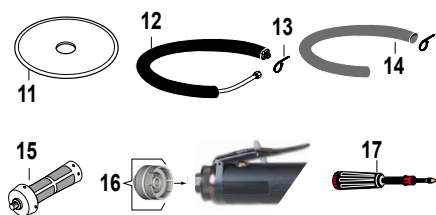
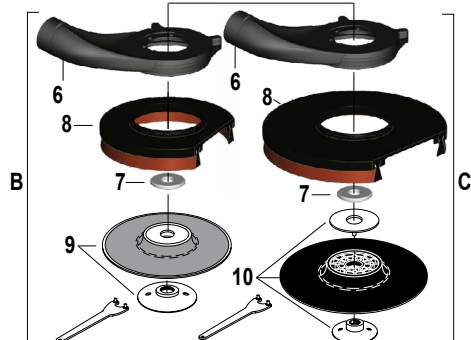
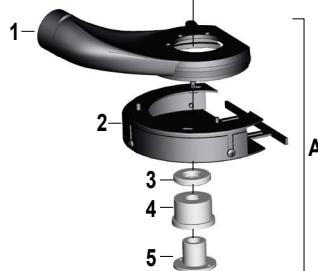
OPTIONAL ACCESSORIES

FOR COMPOSITE CUTTING		KA16120. / KA16085. KA16075. / KA16060
ITEM		Ø 127mm (5")
A	Dust extraction Kit for Diamond disc Ø 127mm (5")	615 397 830 0
1	Manifold cutting with screws	615 504 217 0
2	Goble cover plate complete	615 504 218 0
3	Spacer 6mm - Hole 14mm	615 643 092 0
3	Spacer 6mm - Hole 16mm	615 643 091 0
4	Spacer for M14 spindle	615 643 089 0
4	Spacer for 5/8" spindle	615 643 090 0
5	Flange nut M14	615 606 046 0
5	Flange nut 5/8"	615 606 045 0
•	Pin key	615 802 067 0

DUST EXTRACTION FOR COMPOSITE, NON METAL SANDING		KA16120. / KA16085. KA16075. / KA16060	KA16085. KA16075. / KA16060
ITEM		Ø 127mm (5")	Ø 180mm (7")
B	Dust extraction Kit for disc Ø 127mm (5")	615 397 828 0	
C	Dust extraction Kit for disc Ø 180mm (7")		615 397 829 0
6	Suction cap	615 504 194 0	615 504 194 0
7	Washer	615 643 083 0	615 643 083 0
8	Skirt with brush	615 570 234 0	615 570 231 0
9	Ventilated backing pad Ø127mm (5") with nut M14 & 5/8" (max. 12000 rpm)	615 990 199 0	
10	Rigid backing pad Ø180mm (7") with nut M14 & 5/8" (max. 8500 rpm)		615 990 198 0
•	Pin wrench, 35mm (1-3/8")	615 802 010 0	615 802 010 0

OTHER OPTIONAL ACCESSORIES

ITEM	PART NO.
11	Diamond disc Ø 127mm (5")
12	Complete silencer kit
13	Clamp
14	Reinforced cloth-lined exhaust hose L = 0.75m (30")
15	Vibration-damping side handle
16	Clippable silencer
17	Grease gun includes 24g (0.8oz)
•	Grease for bevel gear (1 kg - 2.2 lb)
	615 990 148 0



Dust extraction systems for angle models

Ø 127mm (5") - Ø 180mm (7")

1350 to 1700 Watts (1.81 to 2.28 hp) - 6000 to 12000 rpm



A

Dust extraction casing for diamond disc Ø 127mm (5")
Vacuum hose ID 25mm (1")



B/C

Vacuum hose, ID 38mm (1-1/2")

B

Vacuum hose, ID 38mm (1-1/2")

Caution: comply with the speeds recommended by component and abrasive manufacturers.

PIC REF	MODEL	PART NUMBER		DUST EXTRACTION KIT		FREE SPEED rpm	THREADED SPINDLE	POWER		WEIGHT		AIR INLET THREAD
				Ø 127mm (5")	Ø 180mm (7")			W	hp	kg	lb.	

CUTTING Ø 127mm (5") - M14 Output

A	KA16120A	615 170 435 0	+	615 397 830 0		12000	M14x2	1700	2.28	1.39	3.0	3/8
A	KA16085A	615 170 468 0	+	615 397 830 0		8500	M14x2	1700	2.28	1.39	3.0	3/8
A	KA16075A	615 170 448 0	+	615 397 830 0		7500	M14x2	1500	2.01	1.39	3.0	3/8
A	KA16060A	615 170 449 0	+	615 397 830 0		6000	M14x2	1350	1.81	1.41	3.1	3/8

CUTTING Ø 127mm (5") - 5/8" Output

A	KA16120B	615 170 445 0	+	615 397 830 0		12000	5/8-11	1700	2.28	1.98	4.4	3/8
A	KA16085B	615 170 469 0	+	615 397 830 0		8500	5/8-11	1700	2.28	1.39	3.0	3/8
A	KA16075B	615 170 452 0	+	615 397 830 0		7500	5/8-11	1500	2.01	1.39	3.0	3/8
A	KA16060B	615 170 453 0	+	615 397 830 0		6000	5/8-11	1350	1.81	1.41	3.1	3/8

CUTTING Ø 127mm (5") - 5/8" Output for USA Market only (to ANSI B186.1)

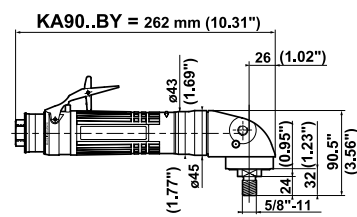
A	KA16120BY	615 170 447 0	+	615 397 830 0		12000	5/8-11	1700	2.28	1.98	4.4	3/8
A	KA16075BY	615 170 450 0	+	615 397 830 0		7500	5/8-11	1500	2.01	1.39	3.0	3/8
A	KA16060BY	615 170 451 0	+	615 397 830 0		6000	5/8-11	1350	1.81	1.41	3.1	3/8

SANDING Ø 127 mm (5") & Ø 180 mm (7") - M14 & 5/8" Output

B	KA16120A	615 170 435 0	+	615 397 828 0		12000	M14x2	1700	2.28	1.39	3.0	3/8
B	KA16120B	615 170 445 0	+	615 397 828 0		12000	5/8-11	1700	2.28	1.39	3.0	3/8
B/C	KA16085A	615 170 468 0	+	615 397 828 0	615 397 829 0	8500	M14x2	1700	2.28	1.39	3.0	3/8
B/C	KA16085B	615 170 469 0	+	615 397 828 0	615 397 829 0	8500	5/8-11	1700	2.28	1.39	3.0	3/8
B/C	KA16075A	615 170 448 0	+	615 397 828 0	615 397 829 0	7500	M14x2	1500	2.01	1.39	3.0	3/8
B/C	KA16075B	615 170 452 0	+	615 397 828 0	615 397 829 0	7500	5/8-11	1500	2.01	1.39	3.0	3/8
B/C	KA16060A	615 170 449 0	+	615 397 828 0	615 397 829 0	6000	M14x2	1350	1.81	1.41	3.1	3/8
B/C	KA16060B	615 170 453 0	+	615 397 828 0	615 397 829 0	6000	5/8-11	1350	1.81	1.41	3.1	3/8

5/8"-11 UNC

Age Group	Percentage
18-24	85%
25-34	75%
35-44	65%
45-54	55%
55-64	45%
65-74	35%
75-84	25%
85+	10%



Dust extraction systems for vertical and angle sanders

Ø 180mm (7")

900 and 1200 Watts (1.21 and 1.61 hp) - 2000 to 6500 rpm

Supplied with M14 & 5/8" threaded spindle only



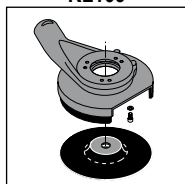
A



B

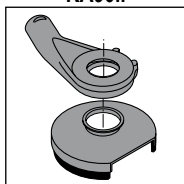
For standard abrasive disc for non metallic materials

KL165



615 399 364 0

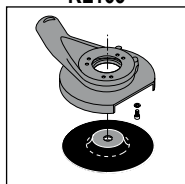
KA90..



615 396 126 0

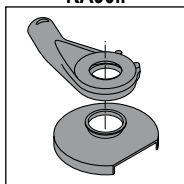
For standard abrasive disc for metallic materials

KL165



615 399 365 0

KA90..



615 396 125 0

Vacuum hose, ID 38mm (1-1/2")



C

Caution: comply with the speeds recommended by component and abrasive manufacturers.

PIC REF	MODEL	PART NUMBER		DUST EXTRACTION KIT	FREE SPEED	THREADED SPINDLE	POWER		WEIGHT		AIR INLET THREAD
				Ø 180 mm (7")	rpm	in	W	hp	kg	lb.	in.

VERTICAL SANDER

A	KL165B	615 170 011 0	+	615 399 364 0 or 615 399 365 0	6500	5/8-11	1 200	1.61	2.3	5.1	1/2
---	--------	---------------	---	--------------------------------	------	--------	-------	------	-----	-----	-----

ANGLE SANDERS

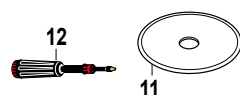
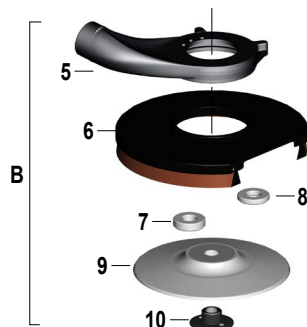
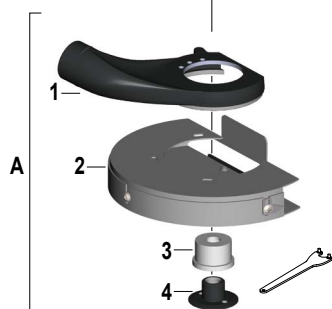
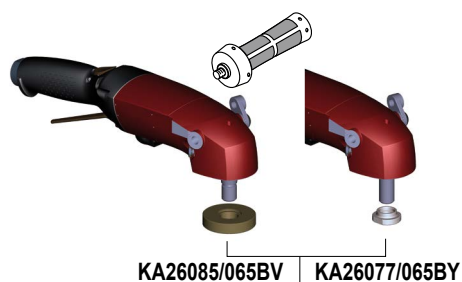
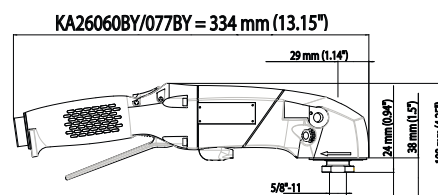
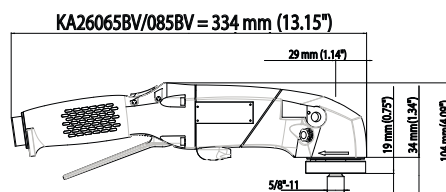
B	KA9030A	615 170 098 0	+	615 396 126 0 or 615 396 125 0	3000	M14x2	900	1.21	1.6	3.5	3/8
B	KA9030B	615 170 099 0	+	615 396 126 0 or 615 396 125 0	3000	5/8-11	900	1.21	1.6	3.5	3/8
B	KA9020A	615 170 096 0	+	615 396 126 0 or 615 396 125 0	2000	M14x2	900	1.21	1.6	3.5	3/8
B	KA9020B	615 170 097 0	+	615 396 126 0 or 615 396 125 0	2000	5/8-11	900	1.21	1.6	3.5	3/8

ANGLE SANDER for USA Market Only (to Ansi B186.1)

C	KA9030BY	615 170 309 0	+	615 396 126 0 or 615 396 125 0	3000	5/8-11	900	1.21	1.6	3.5	3/8
---	----------	---------------	---	--------------------------------	------	--------	-----	------	-----	-----	-----

5/8"-11 UNC

Accessories



KA26085BV / KA26065BV / KA26077BY / KA26060BY

ACCESSORIES INCLUDED

	KA26085BV KA26065BV	KA26077BY KA26060BY
• Auto-balancer	615 990 195 0	
• Rear flange		615 503 107 0
• Rotating handle support kit	615 397 741 5	615 397 741 5
• Rotating exhaust kit	615 397 743 5	615 397 743 5
• Vibration-damping side handle	615 576 066 0	615 576 066 0

OPTIONAL ACCESSORIES

FOR COMPOSITE CUTTING	KA26085BV/065BV KA26077BY/060BY Ø 180mm (7")
A Dust extraction Kit for Diamond disc ø 180mm (7")	615 397 844 0
1 Manifold cutting with screws	615 504 220 0
2 Goble cover plate complete	615 504 221 0
3 Spacer - hole 5/8"	615 643 090 0
4 Flange nut 5/8"	615 606 048 0
• Pin wrench, 35mm (1-3/8")	615 802 010 0
DUST EXTRACTION FOR COMPOSITE, NON METAL SANDING	KA26085BV/065BV KA26077BY/060BY Ø 180mm (7")
B Dust extraction Kit for disc ø 180mm (7")	615 397 843 0
5 Manifold with screws	615 504 219 0
6 Skirt with brush	615 570 231 0
7 Spacer 9mm	615 643 093 0
8 Spacer 6mm - Hole 16mm (5/8")	615 643 091 0
9 Rigid backing pad ø180mm (7") (max. 8500rpm)	615 990 200 0
10 Flange nut 5/8"	615 606 047 0
• Pin wrench, 35mm (1-3/8")	615 802 067 0

OTHER OPTIONAL ACCESSORIES

ITEM	PART NO.
11 Diamond disc ø 180mm (7")	615 811 145 0
12 Grease gun includes 24g (0.8oz)	615 990 149 0
• Grease for bevel gear (1 kg - 2.2 lb)	615 990 148 0



Dust extraction systems for angle models

Ø 180mm (7")

2100 Watts (2.82 hp) - 6000 to 8500 rpm



A

Dust extraction casing for diamond disk Ø 180mm (7")
Vacuum hose, ID 38mm (1-1/2")



B

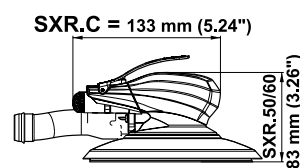
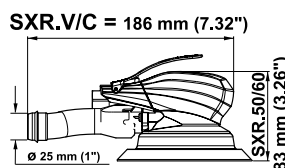
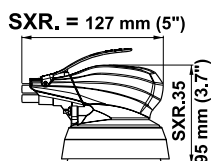
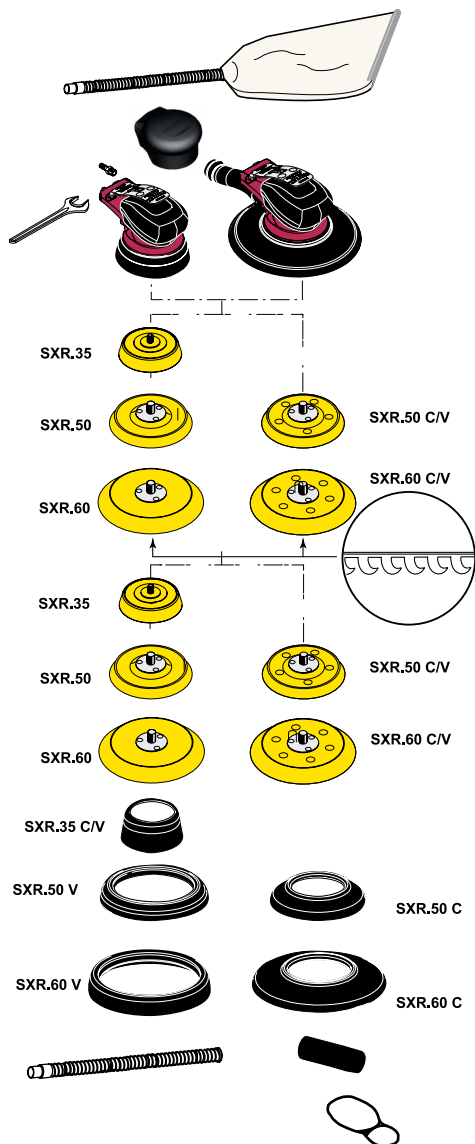
Vacuum hose, ID 38mm (1-1/2")

Caution: comply with the speeds recommended by component and abrasive manufacturers.

PIC REF	MODEL	PART NUMBER		DUST EXTRACTION KIT	FREE SPEED	THREADED SPINDLE	POWER		WEIGHT		AIR INLET THREAD
				Ø 180mm (7")	rpm	in.	W	hp	kg	lb	in.
CUTTING Ø 180mm (7")											
A	KA26085BV	615 170 479 0	+	615 397 844 0	8500	5/8-11	2100	2.82	2.3	5.1	1/2
A	KA26065BV	615 170 480 0	+	615 397 844 0	6500	5/8-11	2100	2.82	2.3	5.1	1/2
CUTTING Ø 180mm (7") for USA Market only (to ANSI B186.1)											
A	KA26077BY	615 170 482 0	+	615 397 844 0	7700	5/8-11	2100	2.82	2.3	5.1	1/2
A	KA26060BY	615 170 481 0	+	615 397 844 0	6000	5/8-11	2100	2.82	2.3	5.1	1/2
SANDING Ø 180mm (7")											
B	KA26085BV	615 170 479 0	+	615 397 843 0	8500	5/8-11	2100	2.82	2.3	5.1	1/2
B	KA26065BV	615 170 480 0	+	615 397 843 0	6500	5/8-11	2100	2.82	2.3	5.1	1/2
SANDING Ø 180mm (7") for USA Market only (to ANSI B186.1)											
B	KA26077BY	615 170 482 0	+	615 397 843 0	7700	5/8-11	2100	2.82	2.3	5.1	1/2
B	KA26060BY	615 170 481 0	+	615 397 843 0	6000	5/8-11	2100	2.82	2.3	5.1	1/2

5/8"-11 UNC

Accessories



SXR.35. / SXR.50. / SXR.60.

ACCESSORIES INCLUDED

	PART NO.
• 1/4" air hose nipple for 6mm (1/4") ID hose	615 705 009 0
• Small grip (medium-size grip fitted on sander)	615 303 108 0
• Flat wrench 26mm across flats	615 801 078 0
• Complete dust extraction kit for SXRA..V and SXRB..V version	615 396 264 0

PADS: Thread 5/16"-24	FOR HOOK & LOOP ABRASIVE	FOR HOOK & LOOP ABRASIVE (V) OR (C) WITH HOLES
• Pad Ø 89mm (3.5") - 80gr - SXR(.)35(.)	615 990 158 0	-
• Pad Ø 127mm (5") - 100gr - SXR(.)50	615 990 156 0	615 990 157 0
• Pad Ø 150mm (6") - 130gr - SXR(.)60	615 990 154 0	615 990 155 0

OPTIONAL ACCESSORIES

PADS: Thread 5/16"-24	FOR SELF- ADHESIVE ABRASIVE	FOR SELF- ADHESIVE ABRASIVE (V) OR (C) WITH HOLES
• Pad Ø 89mm (3.5") - 80gr - SXR(.)35(.)	615 990 163 0	-
• Pad Ø 127mm (5") - 100gr - SXR(.)50	615 990 161 0	615 990 162 0
• Pad Ø 150mm (6") - 130gr - SXR(.)60	615 990 159 0	615 990 160 0

VACUUM SKIRTS

• Vacuum skirt for SXR(.)35(.)	615 350 110 0
• Vacuum skirt for SXR(.)50C	615 350 107 0
• Vacuum skirt for SXR(.)60C	615 350 106 0
• Vacuum skirt for SXR(.)50V	615 350 103 0
• Vacuum skirt for SXR(.)60V	615 350 102 0

ADAPTOR

• Vacuum hose adaptor Ø 25mm (1") / Ø 32mm (1-1/4")	615 350 117 0
• Vacuum hose adaptor Ø 25mm (1") / Ø 28mm (1-1/8")	615 804 448 0

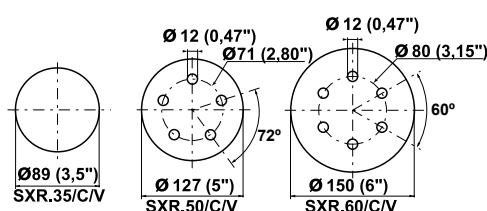
HOSE

• Dust extraction hose Ø 25mm (1") L = 1.5m (60")	615 396 263 0
---	---------------

BAIL HOOK

• Bail hook	615 571 060 0
-------------	---------------

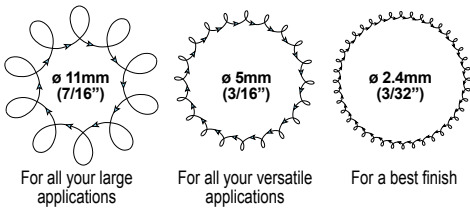
PAD DIMENSIONS



Random orbital sanders for abrasive discs

Ø 89mm (3.5") - Ø 127mm (5") - Ø 150mm (6")

210 Watts (0.3 hp) - 12000 rpm



SXR(.)35



SXR(.)35C



SXR(.)35V



SXR(.)50



SXR(.)50C



SXR(.)50V



SXR(.)60



SXR(.)60C



SXR(.)60V

HOW TO SELECT YOUR SX SANDER — Eg: SXRA35C - SXR model / orbit Ø 2.4mm (3/32") / pad Ø 89mm (3.5") / with dust extraction

SX : Name of the range
R : random orbital sander
A : orbit Ø 2.4mm (3/32") / **B** : orbit Ø 5mm (3/16") / **C** : orbit Ø 11mm (7/16")
35 : pad Ø 89mm (3.5") / **50** : pad Ø 127mm (5") / **60** : pad Ø 150mm (6")
C : external vacuum / **V** : self vacuum / **-** : non-vacuum

Supplied kit

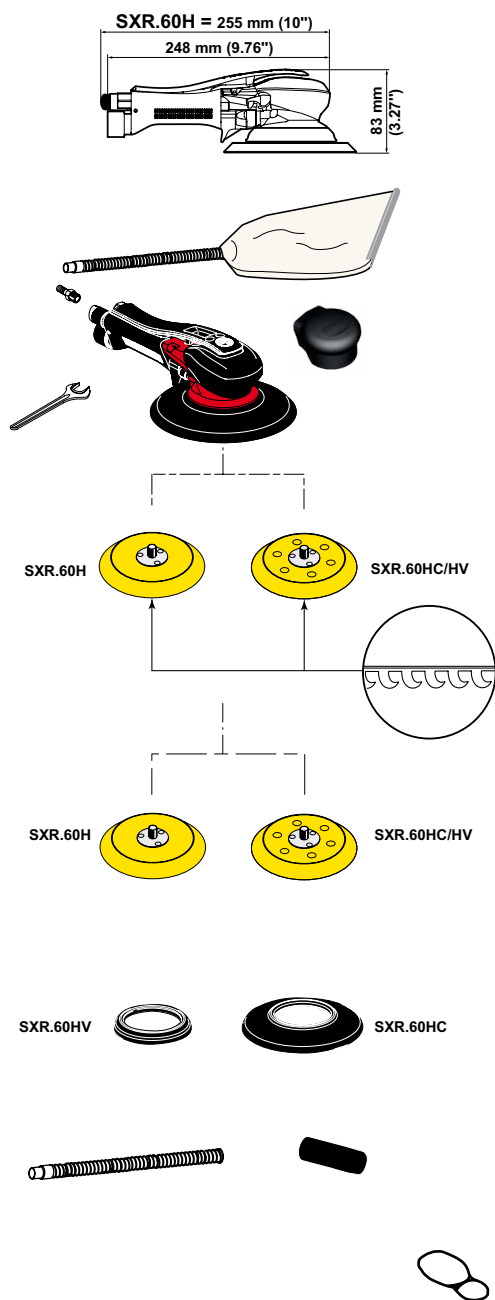


*Sanders equipped with PSA pad

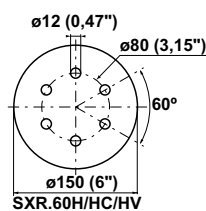
Caution: comply with the speeds recommended by component and abrasive manufacturers.

PAD SIZE		MODEL	PART NUMBER	MODEL	PART NUMBER	MODEL	PART NUMBER	WEIGHT		AIR CONSUMPTION AT MAX. OUTPUT		AIR INLET THREAD	HOSE INT Ø	
mm	in.							kg	lb	l/s	cfm	in.	mm	in.
RANDOM ORBITAL SANDERS, ORBIT Ø 11mm (7/16")														
		NON-VACUUM		EXTERNAL VACUUM		SELF VACUUM								
Ø 150	6	SXRC60	615 170 462 0	SXRC60C	615 170 463 0	SXRC60V	615 170 464 0	0.88	1.94	8.0	16.6	1/4	6	1/4
RANDOM ORBITAL SANDERS, ORBIT Ø 5mm (3/16")														
		NON-VACUUM		EXTERNAL VACUUM		SELF VACUUM								
Ø 89	3.5	SXRB35	615 170 209 0	SXRB35C	615 170 215 0	SXRB35V	615 170 212 0	0.8	1.7	8.0	16.6	1/4	6	1/4
Ø 127	5	SXRB50	615 170 210 0	SXRB50C	615 170 216 0	SXRB50V	615 170 213 0	0.8	1.7	8.0	16.6	1/4	6	1/4
Ø 127	5	SXRB50*	615 170 300 0					0.8	1.7	8.0	16.6	1/4	6	1/4
Ø 150	6	SXRB60	615 170 211 0	SXRB60C	615 170 217 0	SXRB60V	615 170 214 0	0.8	1.7	8.0	16.6	1/4	6	1/4
Ø 150	6	SXRB60*	615 170 317 0					0.8	1.7	8.0	16.6	1/4	6	1/4
RANDOM ORBITAL SANDERS, ORBIT Ø 2.4mm (3/32")														
		NON-VACUUM		EXTERNAL VACUUM		SELF VACUUM								
Ø 89	3.5	SXRA35	615 170 218 0	SXRA35C	615 170 224 0	SXRA35V	615 170 221 0	0.8	1.7	8.0	16.6	1/4	6	1/4
Ø 127	5	SXRA50	615 170 219 0	SXRA50C	615 170 225 0	SXRA50V	615 170 222 0	0.8	1.7	8.0	16.6	1/4	6	1/4
Ø 150	6	SXRA60	615 170 220 0	SXRA60C	615 170 226 0	SXRA60V	615 170 223 0	0.8	1.7	8.0	16.6	1/4	6	1/4

Accessories



PAD DIMENSIONS



SXR.60H.

ACCESSORIES INCLUDED

	PART NO.
• 1/4" air hose nipple for 6mm (1/4") ID hose	615 705 009 0
• Small grip (medium-size grip fitted on sander)	615 303 108 0
• Flat wrench 26mm across flats	615 801 078 0
• Complete dust extraction kit for SXR.60HV version	615 396 264 0

PADS: Thread 5/16"-24	FOR HOOK & LOOP ABRASIVE	FOR HOOK & LOOP ABRASIVE (V) OR (C) WITH HOLES
• Pad ø 150mm (6") - 130gr - SXR(.)60	615 990 154 0	615 990 155 0

OPTIONAL ACCESSORIES

PADS: Thread 5/16"-24	FOR SELF-ADHESIVE ABRASIVE	FOR SELF-ADHESIVE ABRASIVE (V) OR (C) WITH HOLES
• Pad ø 150mm (6") - 130gr - SXR(.)60	615 990 159 0	615 990 160 0

VACUUM SKIRTS	
• Vacuum skirt for SXR(.)60HC	615 350 106 0
• Vacuum skirt for SXR(.)60HV	615 350 102 0

ADAPTOR	
• Vacuum hose adaptor ø 25mm (1") / ø 32mm (1-1/4")	615 350 117 0
• Vacuum hose adaptor ø 25mm (1") / ø 28mm (1-1/8")	615 804 448 0

HOSE	
• Dust extraction hose ø 25mm (1") L = 1.5m (60")	615 396 263 0

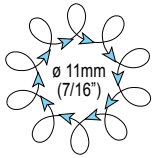
BAIL HOOK	
• Bail hook	615 571 060 0



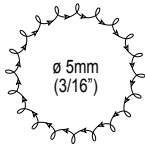
Random orbital sanders for abrasive discs

Ø 150mm (6")

210 Watts (0.3 hp) - 12000 rpm



For all your large applications



For all your versatile applications



SXR.60H



SXR.60HC



SXR.60HV

HOW TO SELECT YOUR SX SANDER — SXR60H - SXR model / orbit 5mm (3/16") / pad Ø 150mm (6") / Two handed / non vacuum

SX **R** **B** **60** **H** **(.)**

_____ (.) : non-vacuum / **C** : external vacuum / **V** : self-vacuum

_____ **H** : two handed

_____ **60** : pad Ø 150mm (6")

_____ **B** : orbit Ø 5mm (3/16") / **C** : orbit Ø 11mm (7/16")

_____ **R** : random orbital sander

_____ Name of the range

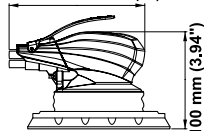
*Sanders equipped with PSA pad

Caution: comply with the speeds recommended by component and abrasive manufacturers.

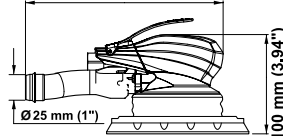
PAD SIZE		MODEL	PART NUMBER	MODEL	PART NUMBER	MODEL	PART NUMBER	WEIGHT		AIR CONSUMPTION AT MAX. OUTPUT		AIR INLET THREAD	HOSE INT Ø	
mm	in.							kg	lb	l/s	cfm	in.	mm	in.
RANDOM ORBITAL SANDERS, ORBIT ø 11mm (7/16")														
		NON-VACUUM		EXTERNAL VACUUM		SELF VACUUM								
ø 150	6	SXRC60H	615 170 465 0	SXRC60HC	615 170 466 0	SXRC60HV	615 170 467 0	0.88	1.94	8.0	16.6	1/4	6	1/4
RANDOM ORBITAL SANDERS, ORBIT ø 5mm (3/16")														
		NON-VACUUM		EXTERNAL VACUUM		SELF VACUUM								
ø 150	6	SXRB60H	615 170 355 0	SXRB60HC	615 170 362 0	SXRB60HV	615 170 359 0	0.9	2.0	8.0	16.6	1/4	6	1/4
ø 150	6	SXRB60H*	615 170 356 0					0.9	2.0	8.0	16.6	1/4	6	1/4

Accessories

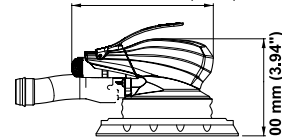
SXO.. = 127 mm (5")



SXO..V = 186 mm (7.32")



SXO..C = 133 mm (5.24")



SXOAR1. / SXOAT1.

ACCESSORIES INCLUDED

	PART NO.
• 1/4" air hose nipple for 6mm (1/4") ID hose	615 705 009 0
• Small grip (medium-size grip fitted on sander)	615 303 108 0
• Flat wrench 26mm across flats	615 801 078 0
• Complete dust extraction kit for SXOAR..V version	615 396 264 0

PAD FOR HOOK & LOOP ABRASIVE

	PART NO.
• Pad 80x130mm (3x5") for SXOAR..	615 350 121 0
• Pad 147x100mm (6x4") for SXOAT1..	615 350 122 0

OPTIONAL ACCESSORIES

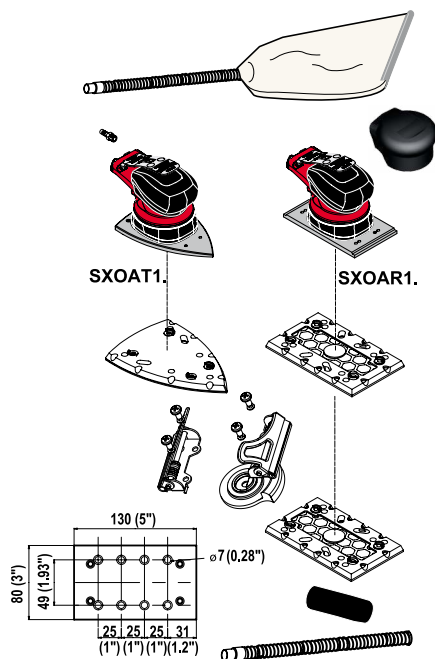
	PART NO.
• Paper holder kit	615 396 413 0
• Pad 80x130mm (3x5") for SXOAR..	615 350 123 0

ADAPTOR

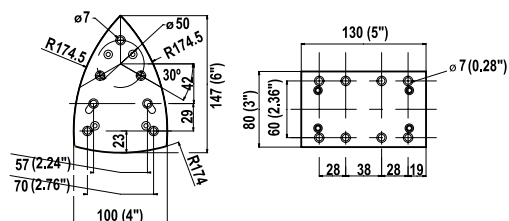
• Vacuum hose adaptor $\varnothing$ 25mm (1") / $\varnothing$ 32mm (1-1/4")	615 350 117 0
• Vacuum hose adaptor $\varnothing$ 25mm (1") / $\varnothing$ 28mm (1-1/8")	615 804 448 0

HOSE

• Dust extraction hose $\varnothing$ 25mm (1") L = 1.5m (60")	615 396 263 0
---	---------------



PAD DIMENSIONS



Orbital sanders for abrasive sheets 80 x 130mm (3"x 5") - 147 x 100mm (6"x 4")

210 Watts (0.3 hp) - 10000 rpm



SXOAR1



SXOAR1C



SXOAR1V



SXOAT1



SXOAT1C

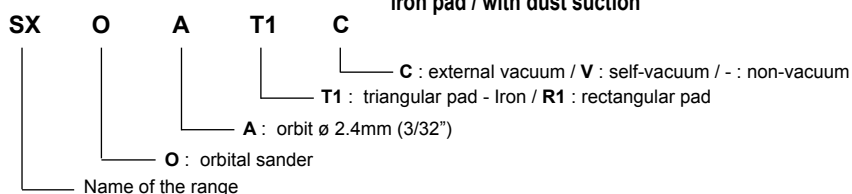


SXOAT1V



SXOAR1 equipped with paper holder kit P.N 615 396 413 0

HOW TO SELECT YOUR SXO SANDER — Eg: SXOAT1C - SXO model / orbit ø 2.4mm (3/32")
iron pad / with dust suction



Supplied kit



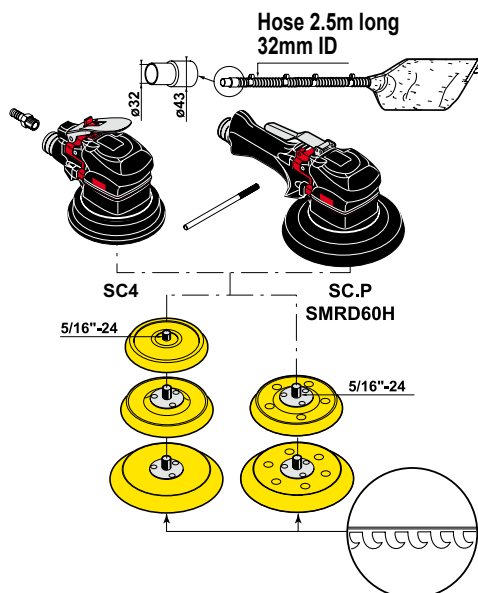
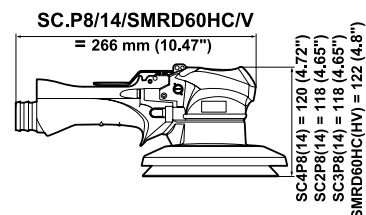
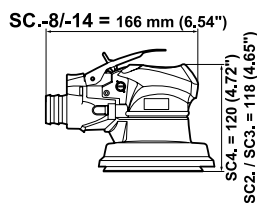
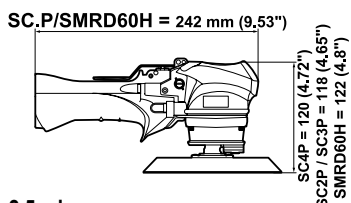
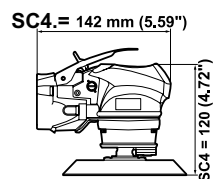
Caution: comply with the speeds recommended by component and abrasive manufacturers.

PAD SIZE		MODEL	PART NUMBER	MODEL	PART NUMBER	MODEL	PART NUMBER	WEIGHT		AIR CONSUMPTION AT MAX. OUTPUT		AIR INLET THREAD	HOSE INT Ø	
mm	in.							kg	lb	l/s	cfm		mm	in.

ORBITAL SANDERS, ORBIT ø 2.4mm (3/32")

		NON-VACUUM		EXTERNAL VACUUM		SELF VACUUM									
80x130	3x5	SXOAR1	615 170 233 0	SXOAR1C	615 170 237 0	SXOAR1V	615 170 235 0	1.0	2.2	8.0	16.6	1/4	6	1/4	
147x100	6x4	SXOAT1	615 170 234 0	SXOAT1C	615 170 238 0	SXOAT1V	615 170 236 0	1.0	2.2	8.0	16.6	1/4	6	1/4	

Accessories



SC4.. / SC..P / SMRD60..

ACCESSORIES INCLUDED

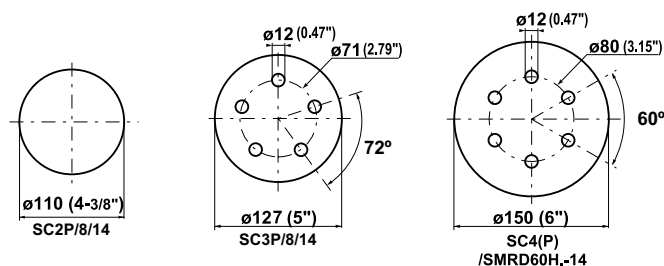
	PART NO.
• 1/4" air hose nipple for 8mm (5/32") ID hose	615 704 019 0
• Clamping lever	615 595 202 0
• Complete dust extraction kit for version (SC.-14/SMRD60HV)	615 399 471 0

PADS: Thread 5/16" - 24	FOR HOOK & LOOP ABRASIVE	FOR HOOK & LOOP ABRASIVE (-8) OR (-14) (C) OR (V) WITH HOLES
• Pad ø 110mm (4-3/8") - SC2P/8/14	615 990 102 0	-
• Pad ø 127mm (5") - SC3P	615 990 156 0	615 990 157 0
• Pad ø 150mm (6") - SC4(P) - SRMD60H.	615 990 154 0	615 990 155 0

OPTIONAL ACCESSORIES

PADS: Thread 5/16" - 24	FOR SELF-ADHESIVE ABRASIVE	FOR SELF-ADHESIVE WITH HOLES (-8) OR (-14) (C) OR (V)
• Pad ø 110mm (4-3/8") - SC2P/8/14	615 990 101 0	-
• Pad ø 127mm (5") - SC3P	615 990 111 0	615 990 110 0
• Pad ø 150mm (6") - SC4(P) - SRMD60H.	615 990 119 0	615 990 118 0

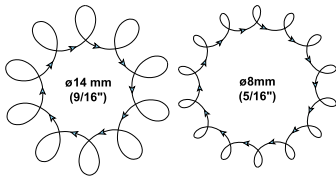
PAD DIMENSIONS



Random orbital sanders for abrasive discs

Ø 110mm (4-3/8") - Ø 127mm (5") Ø 150mm (6")

375 Watts (0.5 hp) - 10000 rpm



SC4



SC4P



SC4-8



SC4P8 - SMRD60HC



SMRD60H



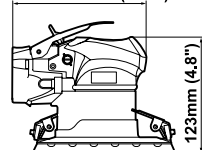
SC4P14 - SMRD60HV

Caution: comply with the speeds recommended by component and abrasive manufacturers.

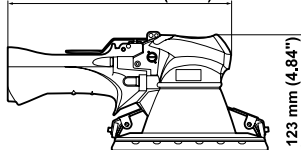
PAD SIZE		MODEL	PART NUMBER	MODEL	PART NUMBER	MODEL	PART NUMBER	WEIGHT		AIR CONSUMPTION AT MAX. OUTPUT		AIR INLET THREAD	HOSE INT. Ø	
mm	in.							kg	lb	l/s	cfm	in.	mm	in.
SANDERS WITH PALM GRIP, ORBIT ø 8mm (5/16")														
		NON-VACUUM		EXTERNAL VACUUM		SELF VACUUM								
ø 150	6	SC4	615 170 081 0	SC4-8	615 170 093 0	SC4-14	615 170 087 0	1.3	2.86	11	23	1/4	8	5/16
SANDERS WITH HANDLE GRIP, ORBIT ø 8mm (5/16")														
		NON-VACUUM		EXTERNAL VACUUM		SELF VACUUM								
ø 110	4-3/8	SC2P	615 170 077 0	SC2P8	615 170 089 0	SC2P14	615 170 083 0	1.2	2.64	11	23	1/4	8	5/16
ø 127	5	SC3P	615 170 079 0	SC3P8	615 170 091 0	SC3P14	615 170 085 0	1.3	2.86	11	23	1/4	8	5/16
ø 150	6	SC4P	615 170 078 0	SC4P8	615 170 090 0	SC4P14	615 170 084 0	1.4	3.08	11	23	1/4	8	5/16
LARGE ORBIT SANDERS WITH HANDLE GRIP, ORBIT ø 14mm (9/16")														
		NON-VACUUM		EXTERNAL VACUUM		SELF VACUUM								
ø 150	6	SMRD60H	615 170 280 0	SMRD60HC	615 170 281 0	SMRD60HV	615 170 282 0	1.3	2.86	11	23	1/4	8	5/16

Accessories

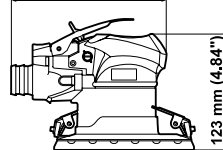
SV3 = 142mm (5.59")



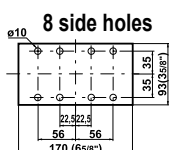
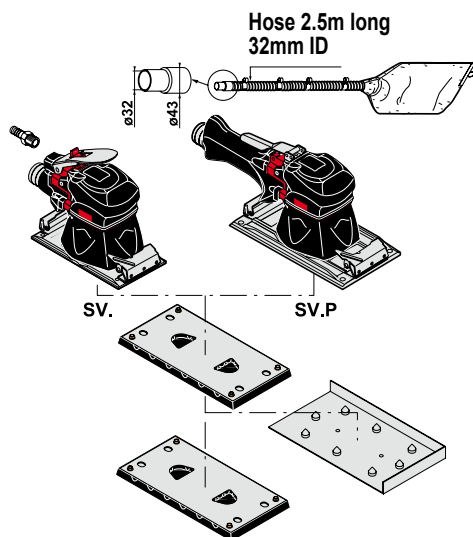
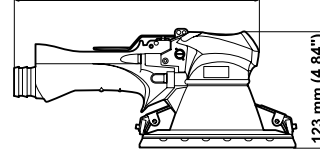
SV.P = 242 mm (9.53")



SV.-8/-14 = 166 mm (6.54")



SV.P8/14 = 266 mm (10.47")



SV.. / SV..P

ACCESSORIES INCLUDED

	PART NO.
• 1/4" air hose nipple for 8mm (5/16") ID hose	615 704 019 0
• Complete dust extraction kit for version (-14)	615 399 471 0

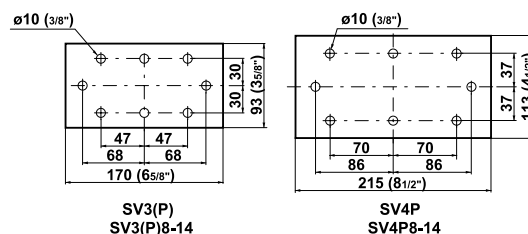
PADS AND DRILLING PLATE

	PAD	DRILLING PLATE FOR RELEASE (-8) OR (-14)
• Pad 170x93mm (6-5/8" x 3-5/8") - SV3(P)	615 350 018 0	615 990 094 0
• Pad 215x113mm (8-1/2" x 4-1/2") - SV4P	615 350 019 0	615 990 095 0

OPTIONAL ACCESSORIES

	PART NO.
• Pad 170x93mm (6-5/8" x 3-5/8") - 8 side holes SV3(P)	615 350 057 0

PAD DIMENSIONS



Orbital sanders for abrasive sheets

170 x 93mm (6-5/8"x 3-5/8") - 215 x 113mm (8-1/2"x 4-1/2")

375 Watts (0.5 hp) - 8000 rpm



SV3



SV3P



SV3-8



SV3P8

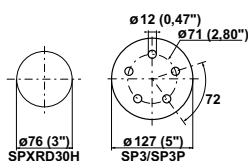
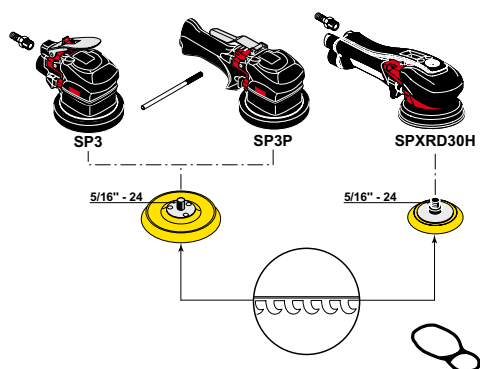
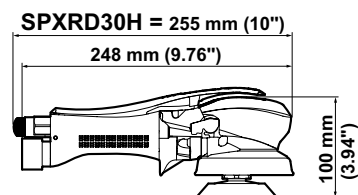
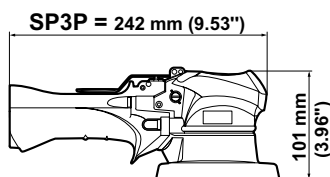
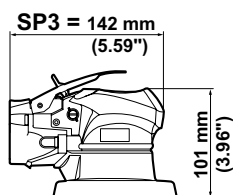


SV3P14

Caution: comply with the speeds recommended by component and abrasive manufacturers.

PAD SIZE		MODEL	PART NUMBER	MODEL	PAR NUMBER	MODEL	PART NUMBER	WEIGHT		AIR CONSUMPTION AT MAX. OUTPUT		AIR INLET THREAD	HOSE INT Ø	
mm	in.							kg	lb	l/s	cfm	in.	mm	in.
SANDERS WITH PALM GRIP, ORBIT Ø 5mm (3/16")														
			NON-VACUUM		EXTERNAL VACUUM		SELF VACUUM							
170x93	65/8 x 35/8	SV3	615 170 066 0	SV3-8	615 170 074 0	SV3-14	615 170 070 0	1.7	3.74	11	23	1/4	8	5/16
SANDERS WITH HANDLE GRIP, ORBIT Ø 5mm (3/16")														
			NON-VACUUM		EXTERNAL VACUUM		SELF VACUUM							
170x93	65/8 x 35/8	SV3P	615 170 067 0	SV3P8	615 170 075 0	SV3P14	615 170 071 0	1.8	3.96	11	23	1/4	8	5/16
215x113	8 1/2 x 4 1/2	SV4P	615 170 068 0	SV4P8	615 170 076 0	SV4P14	615 170 072 0	1.9	4.19	11	23	1/4	8	5/16

Accessories



SP3 / SP3P / SPXRD30H

ACCESSORIES INCLUDED

	SP3/SP3P	SPXRD30H
• 1/4" air hose nipple for 8mm (5/16") ID hose	615 704 019 0	
• 1/4" air hose nipple for 6mm (1/4") ID hose		615 705 009 0
• Clamping lever	615 595 202 0	
• Small grip (medium-size grip fitted on sander)		615 303 109 0
• Bail hook		615 571 060 0

PADS: Thread 5/16"-24

- Pad $\varnothing 127$ mm (5") for SP3 / SP3P
- Pad $\varnothing 76$ mm (3") for SPXRD30H

FOR HOOK & LOOP ABRASIVE

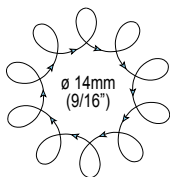
- 615 990 123 0
- 615 990 178 0



Random orbital polishers

Ø 76mm (3") - Ø 127mm (5")

210 and 375 Watts (0.3 and 0.5 hp) - 10000 and 12000 rpm



SP3



SP3P

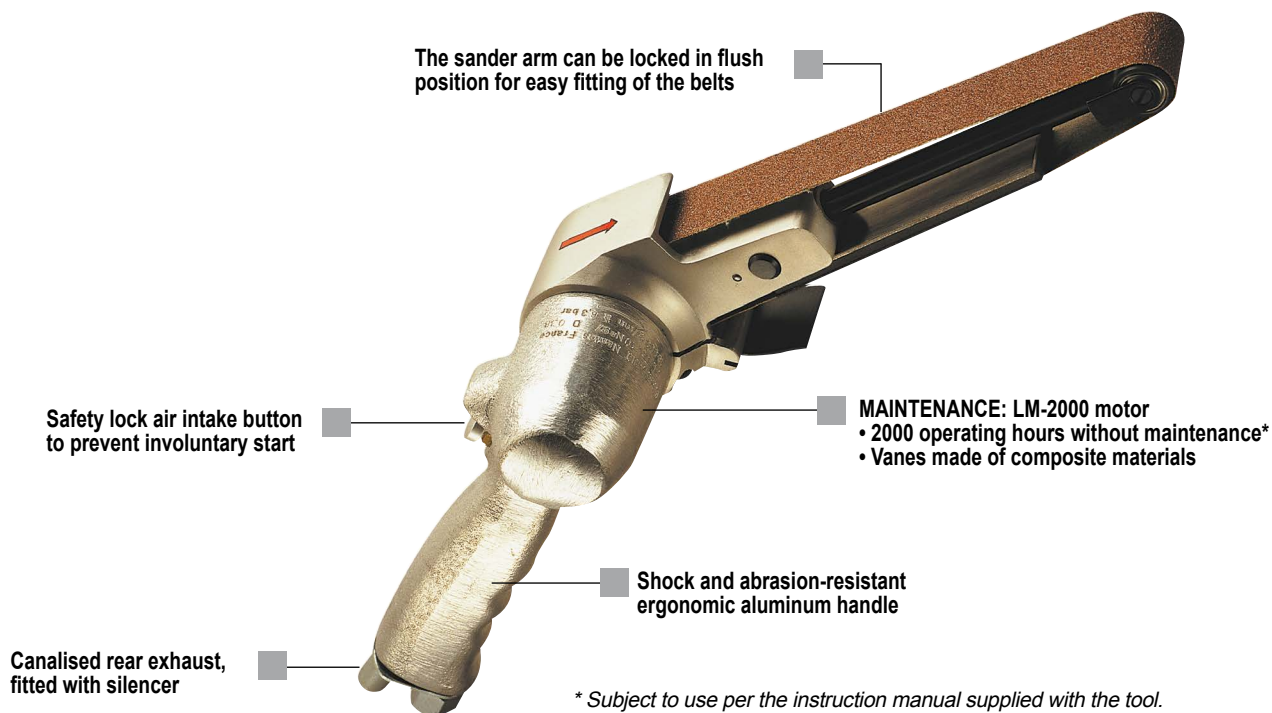


SPXRD30H

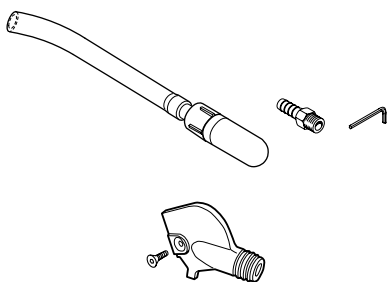
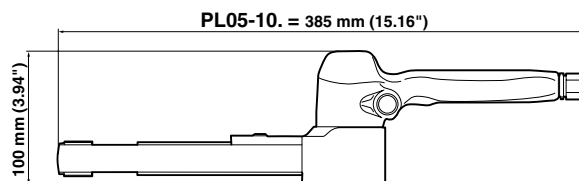
Caution: comply with the speeds recommended by component and abrasive manufacturers.

PAD SIZE		MODEL	PART NUMBER	WEIGHT		AIR CONSUMPTION AT MAX. OUTPUT		AIR INLET THREAD	HOSE INT Ø	
mm	in.			kg	lb	l/s	cfm		in.	mm
POLISHER WITH PALM GRIP, ORBIT ø 14mm (9/16")										
		NON-VACUUM								
ø 127	5	SP3	615 170 198 0	1.2	2.64	11	23	1/4	8	5/16
POLISHER WITH HANDLE GRIP, ORBIT ø 14mm (9/16")										
		NON-VACUUM								
ø 76	3	SPXRD30H	615 170 332 0	0.9	1.98	11	23	1/4	8	5/16
ø 127	5	SP3P	615 170 197 0	1.3	2.86	11	23	1/4	8	5/16

Belt sanders



Accessories



PL05-10D / PL05-10E / PL05-10F

ACCESSORIES INCLUDED

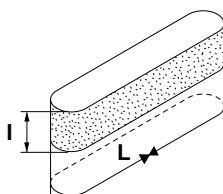
	PART NO.
• Exhaust hose	615 396 022 0
• 1/4" air hose nipple for 6mm (1/4") ID hose	615 705 009 0
• Hex. key 4 mm	615 802 054 0

OPTIONAL ACCESSORIES

	PART NO.
• Suction cap for 32mm (1-1/4") ID vacuum hose	321003
• Screw FHc M4x10	615 616 118 0

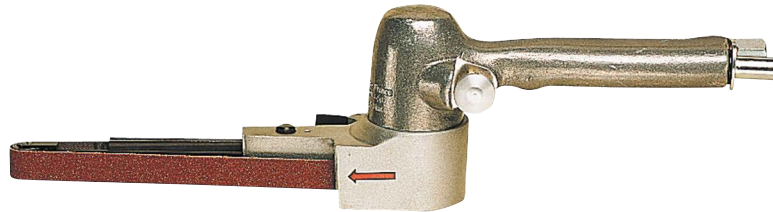
OPTIONAL ACCESSORIES

COATED ABRASIVE BELTS					
L x l		GRIT NUMBER			
mm	in.	P40	P60	P80	P100
480 x 16	18-7/8" x 5/8		615 811 218 0	615 811 219 0	615 811 220 0
480 x 20	18-7/8" x 25/32	615 811 223 0	615 811 224 0	615 811 225 0	615 811 226 0
480 x 25	18-7/8" x 63/64	615 811 230 0	615 811 231 0	615 811 232 0	615 811 233 0
L x l		GRIT NUMBER			
mm	in.	P120	P150	P180	P240
480 x 16	18-7/8" x 5/8	615 811 221 0	615 811 222 0		
480 x 20	18-7/8" x 25/32	615 811 227 0	615 811 228 0	615 811 229 0	
480 x 25	18-7/8" x 63/64		615 811 235 0	615 811 236 0	

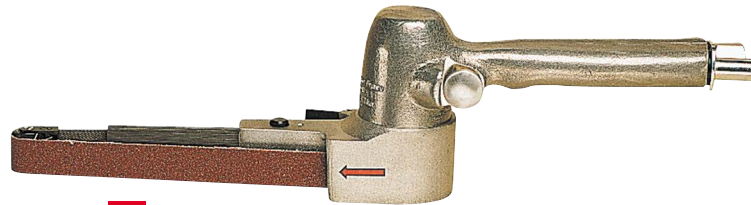


Belt sanders

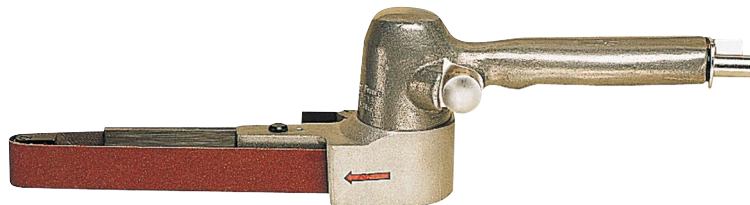
300 Watts (0.4 hp) - 16000 rpm



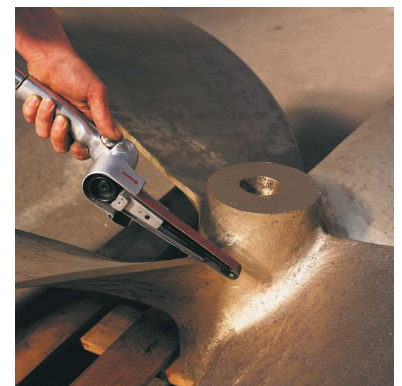
A



B



C



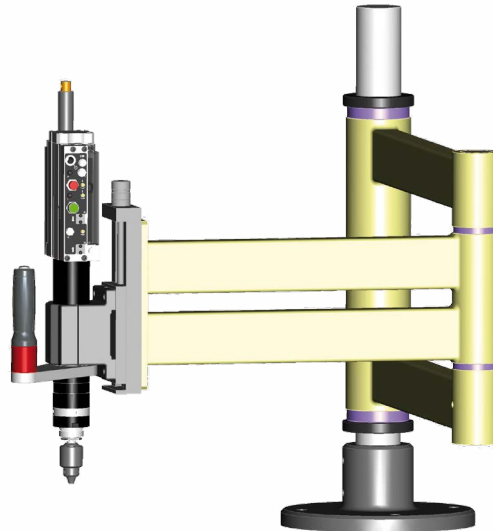
Caution: comply with the speeds recommended by component and abrasive manufacturers.

PIC REF	MODEL	PART NUMBER	FREE SPEED	BELT SIZE		POWER		WEIGHT		AIR CONSUMPTION AT FREE SPEED		AIR INLET THREAD	HOSE INT. Ø	
			rpm	mm	in.	W	hp	kg	lb.	l/s	cfm	in.	mm	in.
A	PL05-10D	615 170 131 0	16000	480 x 16	18-7/8 x 5/8	300	0.4	1.2	2.6	12	25.4	1/4	6	1/4
B	PL05-10E	615 170 132 0	16000	480 x 20	18-7/8 x 25/32	300	0.4	1.2	2.6	12	25.4	1/4	6	1/4
C	PL05-10F	615 170 133 0	16000	480 x 25	18-7/8 x 63/64	300	0.4	1.2	2.6	12	25.4	1/4	6	1/4

AFD Applications

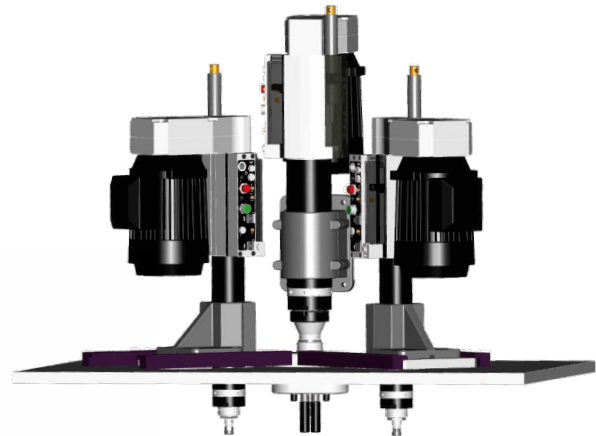
Ease of Integration into Machine or Process

- Extensive range of mounting clamps
- Control interfaces to link AFD(E) to other equipment through pneumatics or electrically
- Single signal required for AFD(E) to perform cycle
- Output signals at datum and depth
- Electric motor mounting on 200, 400 and 600 series can be rotated 180°



Comprehensive range of Product

- For single spindle operations to multi spindle processes
- Pneumatic and electric drive from 0.22 to 1.1kW (0.3 to 1.47hp) with thrusts up to 1735N (390lbf)
- Reliability through quality



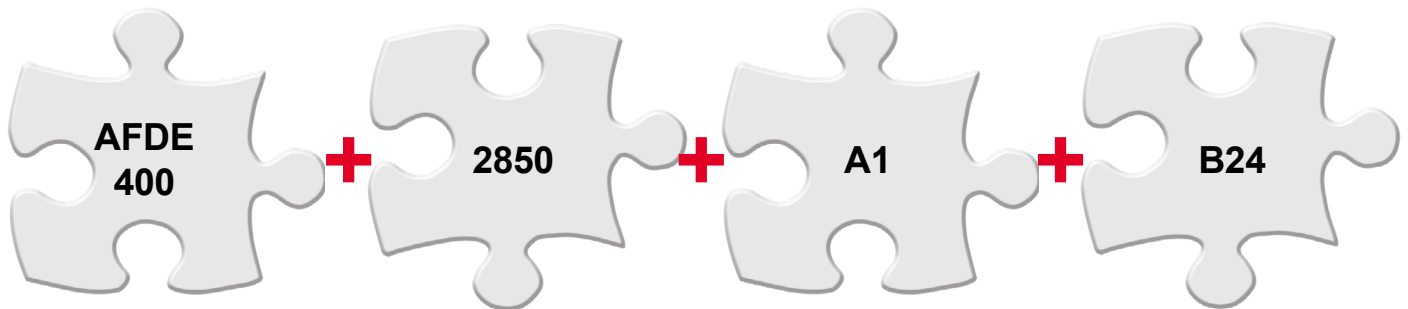
Modular Design

- Flexibility of unit function and speed
- Common components in different models reduce inventory
- Multiple spindle head options
- Drilling and tapping options for all models



desoutter.info/AFD

More than 1500 different versions



Model Type

Pneumatic Feed and Drive

AFD205 0.22kW (0.30hp)
AFD215 0.22kW (0.30hp)
AFD415 0.38kW (0.51hp)
AFD684 0.62kW (0.83hp)

Pneumatic Feed, Electric Drive

AFDE200 0.25kW (0.34hp)
AFDE400 0.33kW (0.44hp)
AFDE410 0.75kW (1.00hp)
AFDE610 0.75kW (1.00hp)
AFDE620 1.10kW (1.50hp)

Electric Feed and Drive via Leadscrew

AFTE480 0.75kW (1.00hp)

No Load Speed

The free output speed of the drill or tapper with no drilling or tapping load applied.

CONTROL BLOCK

A1 – Full feature type⁽¹⁾
– Automatic cycle
A6 – Simple type⁽¹⁾
– Remote cycle control
Control block AFTE
– Leadscrew type - PNP
– Leadscrew type - NPN

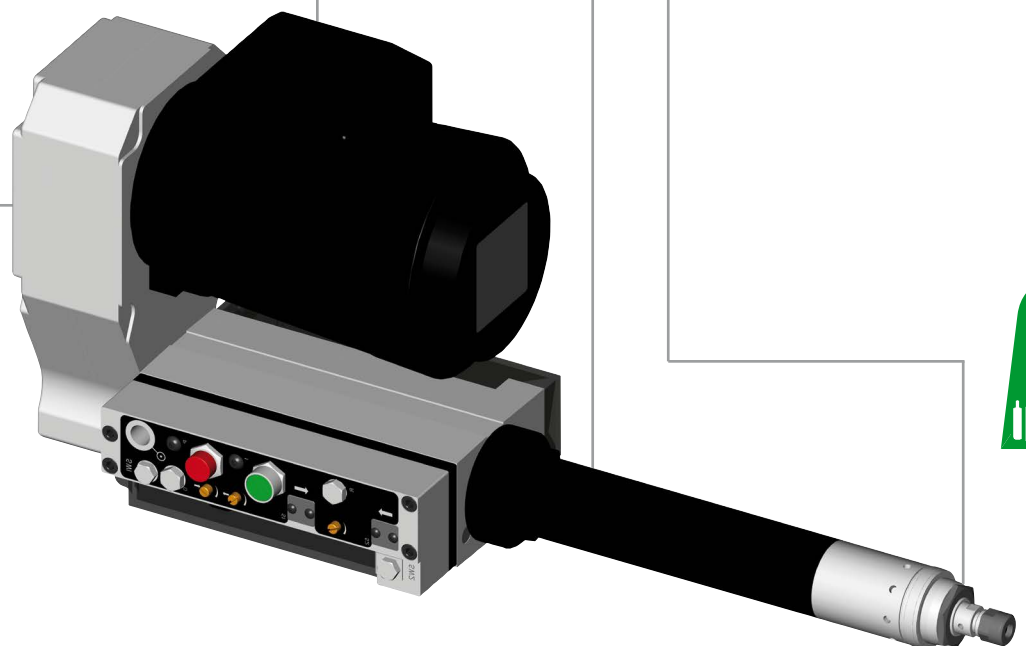
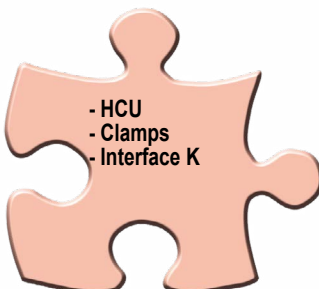
Output Spindle

Code Output type

- Chuck
- Collet (up to 8mm (5/16"))
- Preset Tooling DIN55058
- 6.5mm (1/4") & 8mm (5/16") Tapping Gearbox
- B16 Taper
- Jacobs No1 & No2
- ISO30 Taper
- Multi Head / Tapping
- Gearbox Adaptor
- High Speed Gearbox



Optional



(1) Not required on AFTE models.

Air Motors

ADVANTAGES

Air motors are versatile power sources which can be used to power many kinds of operations requiring a rotational drive. They have many advantages over electric motors, and often become the only feasible method of operation.



LARGE CHOICE OF POTENTIAL CUSTOMERS



Textile



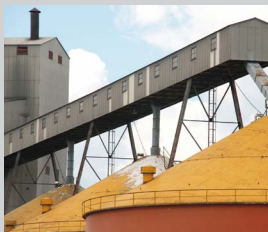
Marine



Petrochemical



Food Processing



Agricultural Equipment



Printing Machinery



Chemical



Strapping Machinery

Desoutter offers a wide range of rotating vane air motors in **stainless steel** and **lubrication free** versions, with power ranging from 0.16 KW (0.21 hp) to 2.8 KW (3.75 hp). Most motors can be supplied as either unidirectional with a threaded shaft or reversible with a keyed shaft. Alternative output options are also available.

Desoutter air motors can also be **Atex certified** for environments with potentially explosive atmospheres.

Air motors are an ideal solution for many applications in such varied equipment as material handling, packaging, strapping or printing machinery, petrochemical and agricultural equipment, food processing machinery, and many more custom and standard machines.

Air motors offer many advantages over electric motors, and are often the only feasible option for driving.



desoutter.info/AirMotors

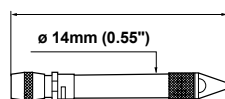


ATEX AVAILABLE
 II 2G T4 IIC D110°C or II 2G T5 IIC D85°C
 or II 2G c IIC T6



		M16-KL, M16-KSL Series 0.16 KW (0.21 hp) Maximum torque, 8.5 Nm (6.3 ft.lb) Keyed shaft Standard and stainless steel Reversible and non reversible
		M25-KL / TL, M25-KSL Series 0.27 KW (0.36 hp) Maximum torque, 22 Nm (16.2 ft.lb) Keyed shaft, threaded shaft Standard and stainless steel Reversible and non reversible
		M39-KL / TL, M39-KSL Series 0.39 KW (0.52 hp) Maximum torque, 26 Nm (19.2 ft.lb) Keyed shaft, threaded shaft Standard and stainless steel Reversible and non reversible
		M84-K Series 0.84 KW (1.13 hp) Maximum torque, 485 Nm (358 ft.lb) Keyed shaft Reversible and non reversible
		2H410 Series 0.66 KW (0.85 hp) Maximum torque, 102 Nm (75.2 ft.lb) Worm drive motors
		M180 Series 1.83 KW (2.45 hp) Maximum torque, 337 Nm (249 ft.lb) Reversible and non reversible
		M290 Series 2.8 KW (3.75 hp) Maximum torque, 536 Nm (395 ft.lb) Reversible and non reversible

Accessories



VP2-X

ACCESSORIES INCLUDED

	PART NO.
• Air Hose - 3.2mm bore - Length 2m (78.7") - 1/8" - 1/4" BSP	75902
• Tungsten carbide tipped needle	63213
• Key	63533

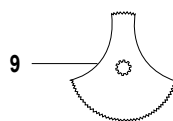
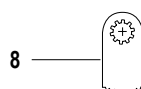
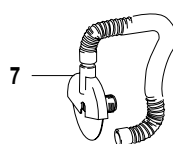
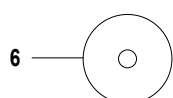
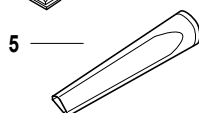
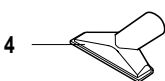
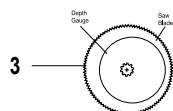
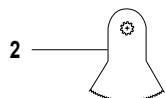
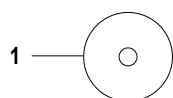
D144-T-.. / S144-T-.. / D172-L / AV101

ACCESSORIES INCLUDED

ITEM		APPLICATION	PART NO.			
			D144-T	S144-T	D172-L	AV101
•	Spindle Wrench		164433		15533	
•	Clamp Nut Wrench		29443			
•	Hex. Key – 4mm (5/32") A/F		204903		204903	
1	Saw Blade – diamond coated 64mm (2.5") dia.	Fibreglass	32732			
1	Saw Blade – 80 teeth 45mm (1.77") dia.	Soft Steel <1.2mm (3/64")		76362		
1	Saw Blade 64mm (2.5") dia.	Plastics			90762	
1	Saw Blade – teflon coated 80mm (3.15") dia.	Plastics			90772	
2	Saw Blade 50.8mm (2") radius x 50mm (1.97") wide	Soft Wood			90832	
3	Depth Gauge				27262	
4	Upholstery Nozzle					106443
5	Crevice Nozzle					106533

OPTIONAL ACCESSORIES

ITEM		APPLICATION	PART NO.		
			D144-T	S144-T	D172-L
1	Saw Blade – 80 teeth 45mm (1.77") dia	Soft Steel <1.2mm (3/64")			76362
6	Saw Blade 64mm (2.5") dia.	Wood	34252		
6	Saw Blade 50mm (1.97") dia.	Soft Steel >1.2mm (3/64") max depth 7mm		76372	
6	Saw Blade 50mm (1.97") dia.	Hard Steel <1.2mm (3/64") max depth 10mm (3/8")		76382	
6	Saw Blade 50mm (1.97") dia.	Aluminium max depth 10mm (3/8")		76392	
7	Dust Extraction Hood includes 2m hose – 32mm (1.26") ID				78472
6	Saw Blade – diamond tipped 64mm (2.5") dia.	Fibreglass			16962
6	Saw Blade – diamond tipped 1.2mm (3/64") tooth pitch - 64mm (2.5") dia.	Fibreglass			90722
6	Saw Blade – diamond tipped 1.2mm (3/64") tooth pitch - 80mm (3.15") dia.	Fibreglass			90732
6	Saw Blade – 1.5mm (0.06") tooth pitch 51mm (2") dia.	Soft Wood			90782
6	Saw Blade – 1.8mm (0.07") tooth pitch 64mm (2.5") dia.	Soft Wood			90792
6	Saw Blade – 1.5mm (0.06") tooth pitch 76mm (3") dia.	Soft Wood			90802
8	Saw Blade 22mm (0.87") radius x 15mm (19/32") wide	Soft Wood			90822
9	Saw Blade 63.5mm (2.5") dia. 60mm (2.36") + 16mm (5/8") segments	Soft Wood			90842



Miscellaneous



A



B



C



D



E



F

PIC REF	MODEL	PART NUMBER	BLOWS PER MINUTE	WEIGHT		AIR CONSUMPTION AT FREE SPEED		AIR INLET THREAD	HOSE INT. Ø	
			Blows/min	kg	lb.	l/s	cfm		mm	in.
A	VP2-X	671094	11400	0.1	0.2	0.9	1.9	1/8	3.2	1/8

AIR SCRIBE

PIC REF	MODEL	PART NUMBER	FREE SPEED	OSCILLATING FREQUENCY	BLADE Ø		WEIGHT		LENGTH		AIR CONSUMPTION		AIR INLET THREAD	HOSE INT. Ø	
			rpm	c/min	mm	in.	kg	lb.	mm	in.	l/s	cfm	in.	mm	in.
B	D144	615 170 526 0	3100		64	2.5	0.83	1.83	214	8.43	9.4	19.9	1/4 BSP	10	3/8
C	S144-T-3100	936974	3100	-	45	1.77	1.4	3.1	245	9.65	9.4	19.9	1/4 BSP	10	3/8
D	D172	615 170 527 0	-	20000	80	3.2	0.76	1.67	265.2	10.44	9.5	20	1/4 BSP	10	3/8

FIBREGLASS SAW - capacity 13mm (1/2") depth

CIRCULAR SAW - capacity 10mm (3/8") depth (hard steel 1.2mm (3/64") depth)

OSCILLATING SAW

VACUUM CLEANER

VACUUM PEN

E	AV101	128534	-	-	-	-	0.7	1.54	202	7.95	5.9	12.5	1/4 BSP	6	1/4
F	V100	129504	-	-	-	-	0.45	0.99	137	5.39	0.7	0.33	3.6 Spline	4	5/32



Air Line Accessories

Desoutter Air Line Accessories are specially developed to be used with Desoutter Tools & Equipments

Desoutter Air Line Accessories can also be used with other pneumatic products

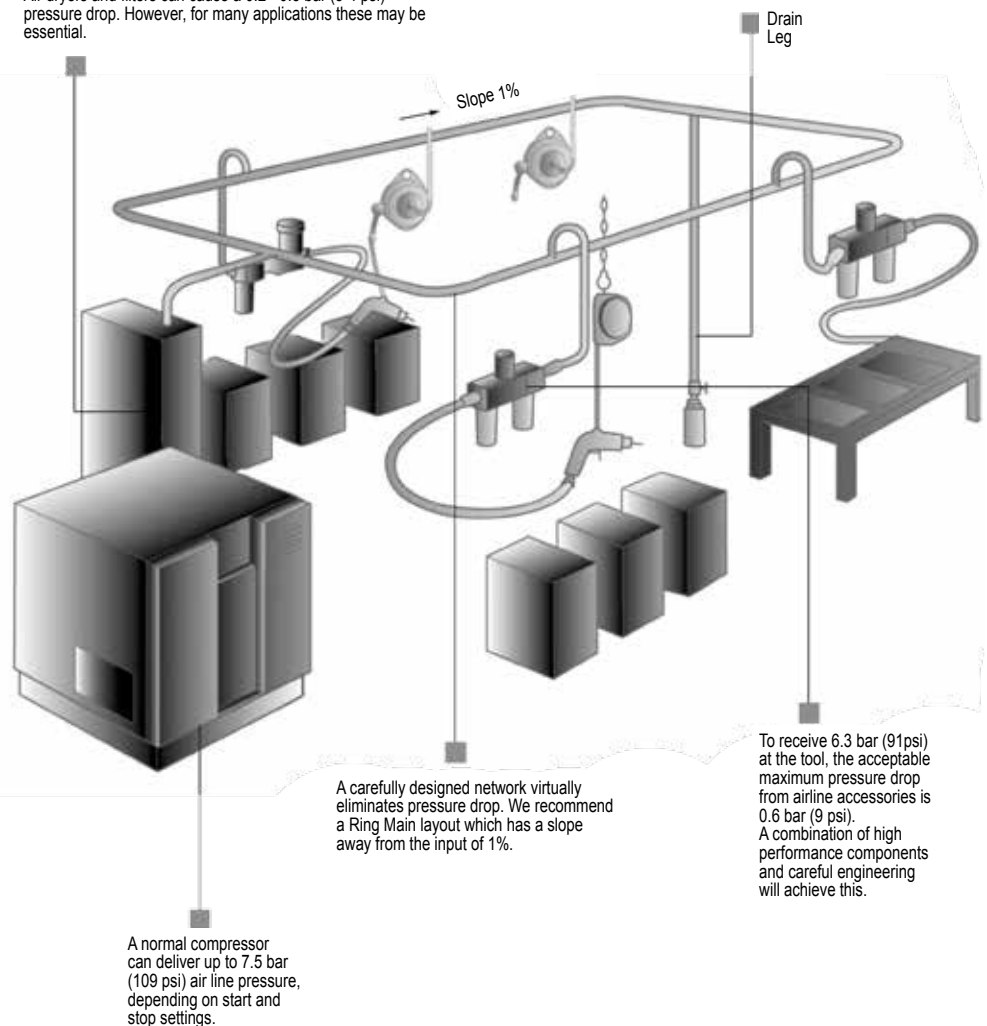
All accessories can be used for other applications with any pneumatic equipments

Desoutter Air Preparation Units are designed to help you get maximum performance from your tools

They ensure minimal pressure drop and thus minimum energy losses in the air distribution system, benefiting the environment and cutting your operating costs

The lifetimes of your tools will be extended by using air preparation units and with that comes lower repair costs and less downtime. A correct air installation guarantees productivity and good total economy

Air dryers and filters can cause a 0.2 - 0.3 bar (3-4 psi) pressure drop. However, for many applications these may be essential.



When developing the Desoutter Air Line Accessories range, we have focused on Performance, Quality, Ergonomics and Safety. Based on this, we now offer a wide range of accessories for optimal air line installation.

Our accessories enable to reach higher productivity with lower energy consumption, a sustainable reduction of energy costs and an extended lifetime of your tools

Performance

In order to get the best performance out of your air line installation it is key to supply air at a constant pressure (6.3 bar) This, together with minimizing the pressure drop, is the primary focus when designing the Desoutter couplings, hoses and FRLs

The result is not only a better performance in terms of a reduction of energy costs but also in a better lifetime of the tools

Ergonomics and Safety

To further improve the comfort of use for our customers we now offer hoses in our EFFI line with lower weight and more flexible. In combination with Easy Flow, Safety couplings, Airflex and high quality balancers you can build up a workplace where the operators' safety and ergonomics are in focus

Quality

All our products are developed to perform in industrial applications. Desoutter Accessories are made with the highest quality materials to ensure the best possible performance and lifetime of the tools

Hoses

Desoutter offers the highest quality of PVC, Rubber and Polyurethane hoses in the Industrial Line to cover the different needs of applications with Power Tools

In addition to this, the EFFI series is designed with special features such as low weight and flexibility, to meet the highest ergonomic demands, as well as antistatic for applications with ESD demands

HOSES

HOSE RECOMMENDATIONS

DESCRIPTION	EFFI MAX	POLYURETHAN	RUBBER
Flexibility	++	++	+
Lightweight	++	++	+
Outdoor	+++	+	+++
Spark resistant	+++	-	+++
Rough environment	+++	++	+++
Antistatic	+++	-	+++
Temperature range	-40 to +194F° -40 to +90°C	-22 to +176F° -30 to +80°C	-40 to +194F° -40 to +90°C



At recommended air flow the pressure drop is 0.2 bar (2.9 PSI) with a hose length of 5m (16ft).
Recommendation is to upgrade one size in diameter for every 10m (32.8ft) of hose length

EFFI Series

EFFI is a unique premium line of hoses designed with special features such as antistatic, extreme low weight, resistance and durability that will help the operator to maximize the tool productivity.

EFFI MAX HOSES

Aimed to generic grinding applications

- Extreme low weight
- Antistatic
- Rubber hose
- Soft and flexible
- Welding spatter resistant



DIMENSIONS (IDxOD)		LENGTH		MAX WORKING PRESSURE*	AIR FLOW		WEIGHT PER 20M / 65.6FT		PART NUMBER
in. ID	mm	ft	m	PSI (bar)	cfm	l/s	lb	kg	
3/8	9.5x12.5	65.6	20		27.6	13	6.4	2.9	894 016 992 1
1/2	13x18.6	65.6	20	232 (16)	44.5	21	8.6	3.9	615 810 900 0
5/8	16x22.5	65.6	20	232 (16)	91.1	43	10.6	4.8	615 810 901 0
3/4	20x26.1	65.6	20	232 (16)	159	75	11.9	5.4	615 810 902 0

RUBBER HOSES

Aimed to the most demanding tasks in construction, mining, shipyards, foundries etc.

- Durable
- Antistatic
- Grinding and welding spatter resistant



DIMENSIONS (IDxOD)		LENGTH		MAX WORKING PRESSURE*	AIR FLOW		WEIGHT PER 20M / 65.6FT		PART NUMBER
in. ID	mm	ft	m	PSI (bar)	cfm	l/s	lb	kg	
3/8	10x16	65.6	20	232 (16)	27.5	13	7.9	3.6	615 810 864 0
1/2	12.5x19.1	65.6	20	232 (16)	44.5	21	10.4	4.7	615 810 865 0
5/8	16x23	65.6	20	232 (16)	91.1	43	13.4	6.1	615 810 866 0
3/4	20x26.6	65.6	20	232 (16)	159	75	17.2	7.8	615 810 868 0
1	25x34	65.6	20	232 (16)	265	125	26.0	11.8	615 810 870 0

POLYURETHANE HOSES

Aimed to heavy duty applications for indoor and outdoor use

- Oil resistant
- Flexible
- Long service life
- PVC free: Environment friendly



DIMENSIONS (IDxOD)		LENGTH		MAX WORKING PRESSURE*	AIR FLOW		WEIGHT PER 25M / 82FT		PART NUMBER
in. ID	mm	ft	m	PSI (bar)	cfm	l/s	lb	kg	
1/4	6.5x10	82	25	290 (20)	8.5	4.0	2.9	1.3	615 804 623 0
5/16	8x12	82	25	290 (20)	15.9	7.5	4.8	2.2	615 804 624 0
3/8	9.5x13	82	25	232 (16)	27.5	13.0	5.5	2.5	615 804 625 0
1/2	13x18	82	25	188 (13)	44.5	21.0	8.8	4.0	615 804 626 0

* With a safety factor of 37.4 psi at 68F° (3 bar at 20°C)

(at the max temp of +140F° (+60°C) the working pressure should be reduced by 50%)



HOSE KITS

Hose kits are equipped with end thread fittings and available in short length, ready to connect and ready to use.



DIMENSIONS (IDxOD)		MALE		LENGHT		PART NUMBER		HOSE MATERIAL
in.	ID	mm	in.	ft	m	NPT	BSP	
1/4	6.5x10	1/4	26.2	8		615 811 213 0	615 804 627 0	PU
5/16	8x12	1/4	26.2	8		615 811 214 0	615 804 628 0	PU
3/8	10x13	1/4	26.2	8			615 804 629 0	PU
3/8	10x13	3/8	26.2	8		615 811 240 0	615 811 238 0	PU
1/2	13x18	1/2	26.2	8		615 811 216 0	615 804 630 0	PU
1/2	13x18	3/8	26.2	8		615 811 241 0	615 811 239 0	PU
5/8	16x23	1/2	26.2	8		615 811 268 0	615 811 267 0	Rubber

EFFI MAX WHIPS

Always use a hose whip between the tool and the air supply hose. It provides safety and longer tool air inlet life.

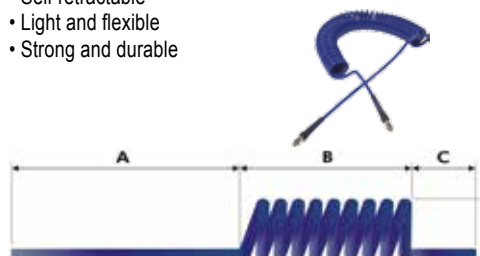


HOSE DIAM.		THREAD SIZE		HOSE LENGHT		PART NUMBER	
in.	mm	in.	ft	m		NPT	BSP
1/4	6.5	1/4	2.0	0.6			
3/8	10	1/4	2.0	0.6		CA047270	615 811 192 0
1/2	13	3/8	2.0	0.6		CA049271	615 811 264 0
1/2	13	1/2	2.0	0.6		CA049270	615 811 193 0
5/8	16	1/2	2.0	0.6		615 811 266 0	615 811 265 0

POLYURETHANE SPIRAL HOSE

Spiral hose are especially adapted for tools used at varying distances. Vertically or horizontally, together with a balancer spiral hose, it is a step forward in ergonomics. Equipped with ball bearing at one end (except the 11x16), they can be directly connected at the tool outlet, avoiding the hose to twist

- Self retractable
- Light and flexible
- Strong and durable



DIMENSIONS (IDxOD)		MALE THREADS		WORKING LENGTH		LENGHT			PARTNUMBER	
in.	ID	mm	in.	ft	m	A	B	C	NPT	BSP
1/4	6.5x10	1/4	6.6	2		19.7 (500)	5.5 (140)	5.9 (150)	615 810 967 0	615 804 635 0
1/4	6.5x10	1/4	13.1	4		19.7 (500)	13 (330)	5.9 (150)	615 810 968 0	615 804 636 0
1/4	6.5x10	1/4	19.7	6		19.7 (500)	20.1 (510)	5.9 (150)	615 810 969 0	615 804 637 0
1/4	6.5x10	1/4	26.2	8		19.7 (500)	27.6 (700)	5.9 (150)	615 810 970 0	615 804 638 0
5/16	8x12	3/8	6.6	2		19.7 (500)	5.1 (130)	5.9 (150)	615 810 971 0	615 804 639 0
5/16	8x12	3/8	13.1	4		19.7 (500)	11.8 (300)	5.9 (150)	615 810 972 0	615 804 640 0
5/16	8x12	3/8	19.7	6		19.7 (500)	18.1 (460)	5.9 (150)	615 810 973 0	615 804 641 0
5/16	8x12	3/8	26.2	8		19.7 (500)	24.8 (630)	5.9 (150)	615 810 974 0	615 804 642 0
7/16	11x16	3/8	6.6	2		19.7 (500)	4.7 (120)	5.9 (150)	615 810 975 0	615 804 643 0
7/16	11x16	3/8	13.1	4		19.7 (500)	10.6 (270)	5.9 (150)	615 810 976 0	615 804 644 0
7/16	11x16	3/8	19.7	6		19.7 (500)	16.5 (420)	5.9 (150)	615 810 977 0	615 804 645 0
7/16	11x16	3/8	26.2	8		19.7 (500)	22.4 (570)	5.9 (150)	615 810 978 0	615 804 646 0

AIR FLEX RANGE



WITH COVER

THE NEW AIR FLEX MAKES ALL RIGID HOSES FLEXIBLE AND MULTI-DIRECTIONAL.

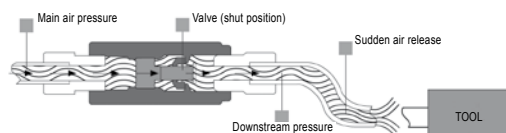
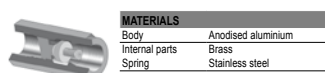
Easy: less effort due to hose rigidity, makes work easier in hard to reach areas. Less wear: no more premature hose wear. Comfort and safety: no twisting, the hose remains in the ideal working position and lower the risk of tendinitis.

AIR FLEX

Aimed to improve the working ergonomics, Air flex connectors can rotate 360° eliminating efforts when working in cramped spaces

MULTI DIRECTION SWIVEL CONNECTOR	MAX RECOMMENDED FLOW		LENGTH		PART NUMBER		
	cfm	l/s	mm	in.	BSP	NPT	R
Air Flex 1/4"	25	12	67	2.63	615 804 746 0	615 804 747 0	615 995 559 0
Air Flex 3/8"	74	35	82	3.23	615 804 748 0	615 804 749 0	615 995 557 0
Air Flex 1/2"	74	35	82	3.23	615 804 750 0	615 804 751 0	615 995 558 0
Air Flex 1/4" with cover	25	12	67	2.63	615 810 046 0	615 811 375 0	

AIR FUSES



When a fitting comes loose from a pressurized hose or the hose is damaged, the hose starts to blow an excessive amount of air in an uncontrolled way, causing hose whip. This can cause injury, and damage to the workpiece and environment. A way to ensure that this doesn't happen is to use an Air Fuse

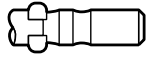
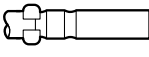
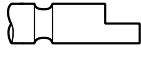
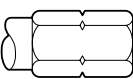
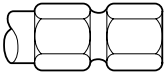
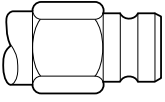
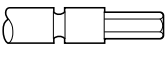
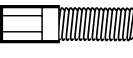
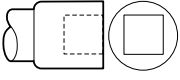
It reduces the likelihood of potentially dangerous hose whip caused when a hose bursts or a fitting becomes detached. It quickly shuts off the supply and resets automatically as soon as back pressure in the line downstream is restored. Air Fuses help to meet OSHA requirement 1926.302 (USA) and may eliminate the need for restraining or shielding hose, as required by European Standard EN983.

- Reduces risk of hose whip, helping to protect personnel
- Simple and reliable design
- High life expectancy
- Aluminium anodised body for high corrosion resistance
- Auto-Reset to restart downstream activity with the minimum downtime

PORT SIZE	PRESSURE DROP AT SHUT OFF FLOW		SHUT OFF FLOW RATE AT 7 BAR		TOOL MAXIMUM AIR FLOW		FOR FLOW RATES	PART NUMBER	
	in.	bar	psi	l/s	cfm	l/s	cfm	BSP	NPT
1/4	0.14	2.03	7.8	16.4	5	10.5	Low	615 811 242 0	615 811 245 0
1/4	0.30	4.35	13	27.3	10	21.0	High		615 811 246 0
3/8	0.14	2.03	18	37.8	10	21.0	Low	110422	615 811 247 0
3/8	0.30	4.35	32	67.2	25	52.5	High	110432	615 811 248 0
1/2	0.30	4.35	45	94.5	35	73.5	High	110442	
3/4	0.30	4.35	75	157.5	60	126.0	High	615 811 243 0	615 811 250 0
1	0.30	4.35	86	180.6	70	147.0	High	615 811 244 0	



Fastening accessories

Fastener Head Type		Drivers		Output	
	POZIDRIV/SUPADRIV		4mm Wing Shank	Exx	TORX SOCKET SIZE XX
	PHILLIPS		5mm Wing Shank	SWxx	SOCKET SIZE XX
	TORX		4mm Halfmoon	T	TORX SIZE XX
	TORX TAMPER PROOF		1/4" Hex** Insert (C6.3) (ISO1173/ DIN3126)	INxx	HEX BIT SIZE XX
	TORX PLUS		1/4" Hex Power Drive (E6.3) (ISO1173/ DIN3126)	XZNxx	TORX 12 BIT SIZE XX
	INTERNAL HEX		5/16" Hex Power Drive		
	EXTERNAL HEX		3mm Hex Power Drive (A3) (ISO1173)		
	SLOT		Thread Drive		
	TRI-WING		Square Drive		

**** Note:** to be used with a bit holder

Torx®, Torx Plus® are registered trademarks of Camcar Div., Textron Inc.

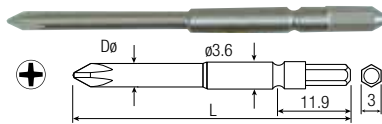
ACR®, Pozidriv®, Torq-Set®, Tri-Wing® are registered trademarks of Phillips Screw Co.

We can propose today a high quality range of bits and sockets with the latest Technology Support and Quality controls.

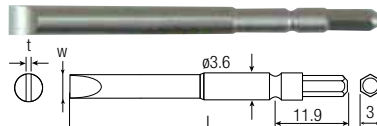


Bits for precision screw

Drive: $\varnothing$ 3mm Hex drive

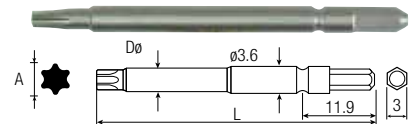


PH	D ø		LENGTH L		PART NO
	mm	in	mm	in	10 pcs
00	2.5	0.10	50	1.97	615 820 226 0
0	2.5	0.10	50	1.97	615 820 227 0
1	4.0	0.16	50	1.97	615 820 228 0

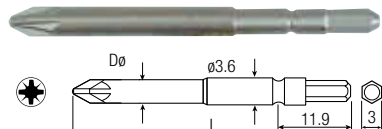


W	t		LENGTH L		PART NO
	mm	in	mm	in	10 pcs
2.5	0.4	0.02	50	1.97	615 820 231 0
3	0.5	0.02	50	1.97	615 820 232 0*
4	0.5	0.02	50	1.97	615 820 233 0
4	0.8	0.03	50	1.97	615 820 236 0

* Production upon your order.



T	A		Dø		LENGTH L		PART NO
	mm	in	mm	in	mm	in	10 pcs
T6	1.7	0.06	2.2	0.09	50	1.97	615 820 240 0
T10	2.7	0.11	3.0	0.12	50	1.97	615 820 243 0

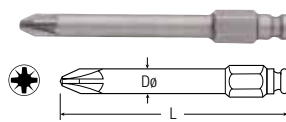


PZ	D ø		LENGTH L		PART NO
	mm	in	mm	in	10 pcs
0	3	0.12	50	1.97	615 820 238 0
1	4	0.16	50	1.97	615 820 239 0

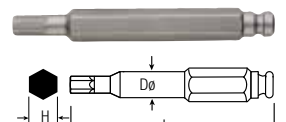
Drive: 5/16" = 8mm Hex drive



PH	Dø		LENGTH L		PART NO
	mm	in	mm	in	10 pcs
1	4.5	0.18	50	1.97	615 820 645 0
2	6.0	0.24	50	1.97	615 820 646 0
2	-	-	93	3.66	615 820 721 0
3	-	-	93	3.66	615 820 722 0



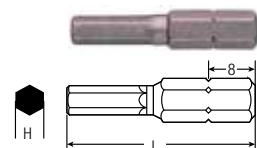
PZ	Dø		LENGTH L		PART NO
	mm	in	mm	in	10 pcs
1	-	-	92	3.62	615 820 724 0
2	6.0	0.24	50	1.97	615 820 647 0
2	6.0	0.24	92	3.62	615 820 355 0



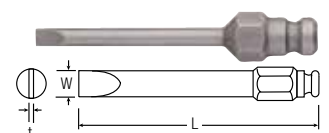
H	Dø		LENGTH L		PART NO
	mm	in	mm	in	10 pcs
H3	6.0	0.24	50	1.97	615 820 327 0*
H4	6.0	0.24	50	1.97	615 820 328 0*
H5	8.0	0.31	50	1.97	615 820 329 0
H6	8.0	0.31	50	1.97	615 820 330 0
H8	8.0	0.31	50	1.97	615 820 331 0*

* Production upon your order.

Drive: 11mm Hex drive



H	LENGTH L		PART NO
	mm	in	10 pcs
H6	70	2.76	615 820 650 0



W	t		LENGTH L		PART NO
	mm	in	mm	in	10 pcs
3	0.5	0.02	76	2.99	615 820 209 0
3.7	0.8	0.03	52	2.05	615 820 725 0
8.8	1.3	0.05	52	2.05	615 820 728 0



Bits for precision screw

Drive: $\varnothing$ 4mm shank drive - Wing shank



W	t	I	LENGTH L	TOOLS	PART NO
mm	in	mm	in	mm	in
2	0.3	0.01	20 0.79	40 1.57	SLB001 615 820 423 0
2.5	0.3	0.01	20 0.79	40 1.57	SLB001 615 820 424 0
3	0.4	0.02	20 0.79	40 1.57	SLB001 615 820 048 0
4	0.5	0.02	- -	40 1.57	SLB001 615 820 425 0

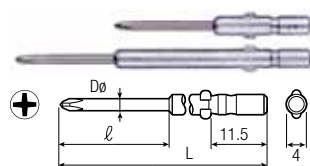


H	Dø	I	LENGTH L	TOOLS	PART NO
mm	in	mm	in	mm	in
H1.5	2	0.08	20 0.79	60 2.36	SLB001 615 820 426 0
H2	3	0.12	20 0.79	60 2.36	SLB001 615 820 427 0
H2.5	3	0.12	20 0.79	60 2.36	SLB001 615 820 428 0
H3	4	0.16	- -	60 2.36	SLB001 615 820 429 0



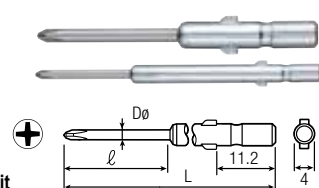
PZ	Dø		LENGTH L		TOOLS	PART NO
	mm	in	mm	in		
0	4	0.16	60	2.36	SLB001	615 820 369 0
1	4	0.16	60	2.36	SLB001	615 820 370 0
2	4	0.16	60	2.36	SLB001	615 820 383 0

Drive: $\varnothing$ 4mm shank drive - Wing shank



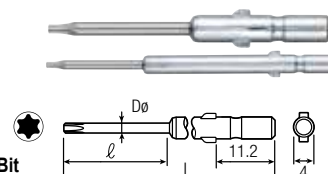
PH	Dø	I	LENGTH L	TOOLS	PART NO
mm	in	mm	in	mm	in
00	1.2	0.05	20 0.79	40 1.57	ERXS / SLB001 615 820 027 0
00	1.5	0.06	20 0.79	40 1.57	ERXS / SLB001 615 820 412 0
00	1.5	0.06	20 0.79	60 2.36	SLB001 615 820 413 0
00	2.0	0.08	20 0.79	40 1.57	ERXS / SLB001 615 820 414 0
00	2.0	0.08	20 0.79	60 2.36	SLB001 615 820 415 0
0	1.4	0.06	20 0.79	40 1.57	ERXS / SLB001 615 820 028 0
0	1.4	0.06	20 0.79	60 2.36	SLB001 615 820 029 0
0	1.7	0.07	20 0.79	40 1.57	ERXS / SLB001 615 820 416 0
0	1.7	0.07	20 0.79	60 2.36	ERXS / SLB001 615 820 417 0
0	2.0	0.08	20 0.79	40 1.57	ERXS / SLB001 615 820 030 0
0	2.0	0.08	20 0.79	60 2.36	ERXS / SLB001 615 820 031 0
0	2.0	0.08	20 0.79	80 3.15	ERXS / SLB001 615 820 032 0
0	2.0	0.08	20 0.79	100 3.94	SLB001 615 820 033 0
0	2.5	0.10	20 0.79	40 1.57	ERXS / SLB001 615 820 418 0
0	2.5	0.10	20 0.79	60 2.36	ERXS / SLB001 615 820 419 0
0	2.5	0.10	20 0.79	80 3.15	SLB001 615 820 034 0
0	2.5	0.10	20 0.79	100 3.94	SLB001 615 820 035 0
1	3.0	0.12	20 0.79	40 1.57	SLB001 615 820 420 0
1	3.0	0.12	20 0.79	60 2.36	ERXS / SLB001 615 820 036 0
1	3.0	0.12	20 0.79	80 3.15	SLB001 615 820 037 0
1	3.0	0.12	20 0.79	100 3.94	SLB001 615 820 038 0
1	3.0	0.12	20 0.79	120 4.72	SLB001 615 820 442 0
1	4.0	0.16	- -	40 1.57	SLB001 615 820 421 0
1	4.0	0.16	- -	60 2.36	SLB001 615 820 039 0
1.3	0.3	0.01	20 0.79	40 1.57	ERXS / SLB001 615 820 044 0
1.7	0.3	0.01	20 0.79	40 1.57	ERXS / SLB001 615 820 045 0
2	0.4	0.02	20 0.79	40 1.57	ERXS / SLB001 615 820 046 0
2	4.0	0.16	- -	40 1.57	SLB001 615 820 422 0
2	4.0	0.16	- -	60 2.36	ERXS / SLB001 615 820 040 0
2	4.0	0.16	- -	80 3.15	SLB001 615 820 041 0
2	4.0	0.16	- -	100 3.94	SLB001 615 820 042 0
2	4.0	0.16	- -	120 4.72	SLB001 615 820 043 0
2.5	0.4	0.02	20 0.79	40 1.57	ERXS / SLB001 615 820 047 0

Shockless Bit

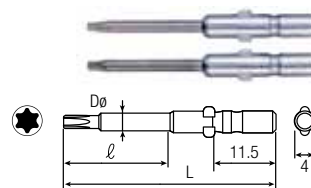


PH	Dø	I	LENGTH L	TOOLS	PART NO
mm	in	mm	in	mm	in
00	1.5	0.06	20 0.79	40 1.57	ERXS / SLB001 615 820 390 0
00	1.5	0.06	20 0.79	60 2.36	ERXS / SLB001 615 820 391 0
0	1.5	0.06	20 0.79	40 1.57	ERXS / SLB001 615 820 392 0
0	1.5	0.06	20 0.79	60 2.36	ERXS / SLB001 615 820 393 0
0	1.7	0.07	20 0.79	40 1.57	ERXS / SLB001 615 820 394 0
0	1.7	0.07	20 0.79	60 2.36	ERXS / SLB001 615 820 395 0
0	2	0.08	20 0.79	40 1.57	ERXS / SLB001 615 820 396 0
0	2	0.08	20 0.79	60 2.36	ERXS / SLB001 615 820 397 0

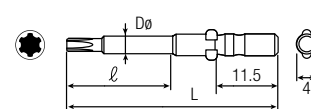
Shockless Bit



T	Dø	I	LENGTH L	TOOLS	PART NO
mm	in	mm	in	mm	in
T5	2	0.08	20 0.79	40 1.57	ERXS / SLB001 615 820 398 0
T5	2	0.08	20 0.79	60 2.36	ERXS / SLB001 615 820 399 0
T6	2	0.08	20 0.79	40 1.57	ERXS / SLB001 615 820 400 0
T6	2	0.08	20 0.79	60 2.36	ERXS / SLB001 615 820 401 0



T	Dø	I	LENGTH L	TOOLS	PART NO
mm	in	mm	in	mm	in
T1	1.5	0.06	20 0.79	40 1.57	SLB001 615 820 670 0
T2	1.5	0.06	20 0.79	40 1.57	SLB001 615 820 671 0
T3	1.7	0.07	20 0.79	40 1.57	SLB001 615 820 672 0
T4	1.8	0.07	20 0.79	40 1.57	ERXS / SLB001 615 820 673 0
T5	2.0	0.08	20 0.79	40 1.57	SLB001 615 820 049 0
T5	2.0	0.08	20 0.79	60 2.36	SLB001 615 820 050 0
T6	2.0	0.08	20 0.79	40 1.57	ERXS / SLB001 615 820 051 0
T6	2.0	0.08	20 0.79	60 2.36	ERXS / SLB001 615 820 052 0
T7	2.0	0.08	20 0.79	60 2.36	SLB001 615 820 053 0
T8	3.0	0.12	20 0.79	40 1.57	SLB001 615 820 674 0
T8H	4.0	0.16	- -	60 2.36	SLB001 615 820 054 0
T9	3.0	0.12	20 0.79	40 1.57	ERXS / SLB001 615 820 675 0
T10	3.0	0.12	20 0.79	40 1.57	ERXS / SLB001 615 820 676 0
T10H	4.0	0.16	- -	60 2.36	ERXS / SLB001 615 820 055 0

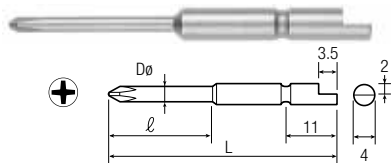


Torx Plus

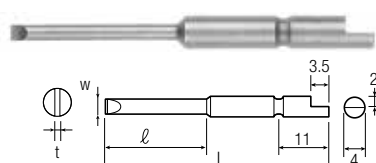
IP	Dø	I	LENGTH L	TOOLS	PART NO
mm	in	mm	in	mm	in
4IP	1.8	0.07	20 0.79	60 2.36	ERXS / SLB001 615 820 371 0
5IP	2.0	0.08	20 0.79	60 2.36	ERXS / SLB001 615 820 372 0
6IP	2.5	0.10	20 0.79	60 2.36	ERXS / SLB001 615 820 373 0
8IP	3.0	0.12	20 0.79	60 2.36	ERXS / SLB001 615 820 374 0
10IP	3.0	0.12	20 0.79	60 2.36	ERXS / SLB001 615 820 375 0

Bits for precision screw

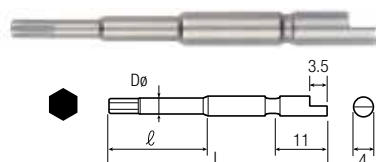
Drive: $\varnothing$ 4mm - Halfmoon



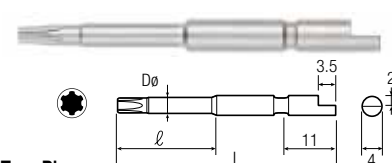
PH	Dø		I		LENGTH L		PART NO
	mm	in	mm	in	mm	in	10 pcs
000	1.5	0.06	20	0.79	44	1.73	615 820 386 0
000	1.5	0.06	20	0.79	64	2.52	615 820 389 0
00	1.5	0.06	20	0.79	44	1.73	615 820 406 0
00	1.5	0.06	20	0.79	64	2.52	615 820 407 0
00	2.0	0.08	20	0.79	64	2.52	615 820 078 0
0	1.8	0.07	20	0.79	44	1.73	615 820 076 0
0	1.8	0.07	20	0.79	64	2.52	615 820 077 0
0	2.0	0.08	20	0.79	44	1.73	615 820 408 0
0	2.0	0.08	20	0.79	64	2.52	615 820 409 0
0	2.5	0.10	20	0.79	44	1.73	615 820 079 0
0	2.5	0.10	20	0.79	64	2.52	615 820 080 0
1	3.0	0.12	20	0.79	44	1.73	615 820 410 0
1	3.0	0.12	20	0.79	64	2.52	615 820 411 0
1	4.0	0.16	20	0.79	44	1.73	615 820 081 0
1	4.0	0.16	20	0.79	64	2.52	615 820 082 0
2	4.0	0.16	20	0.79	44	1.73	615 820 083 0
2	4.0	0.16	20	0.79	64	2.52	615 820 084 0



w			t		l		LENGTH L		PART NO
	mm	in	mm	in	mm	in	10 pcs		
2	0.3	0.01	20	0.79	44	1.73	615 820 086 0		
2.5	0.3	0.01	20	0.79	44	1.73	615 820 087 0		
3	0.4	0.02	20	0.79	44	1.73	615 820 088 0		
4	0.5	0.02	-	-	44	1.73	615 820 089 0		

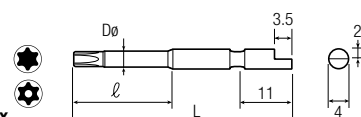


H	Dø		I		LENGTH L		PART NO
	mm	in	mm	in	mm	in	10 pcs
H1.5	2.0	0.08	20	0.79	44	1.73	615 820 091 0
H2	3.0	0.12	20	0.79	44	1.73	615 820 092 0
H2.5	3.0	0.12	20	0.79	44	1.73	615 820 093 0
H3	4.0	0.16	-	-	44	1.73	615 820 094 0



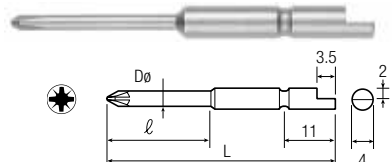
Torx Plus

IP	Dø		I		LENGTH L		PART NO
	mm	in	mm	in	mm	in	10 pcs
2IP	1.5	0.06	20	0.79	44	1.73	615 820 381 0
2IP	1.5	0.06	20	0.79	64	2.52	615 820 367 0
3IP	1.7	0.07	20	0.79	44	1.73	615 820 382 0
3IP	1.7	0.07	20	0.79	64	2.52	615 820 368 0
4IP	1.8	0.07	20	0.79	44	1.73	615 820 357 0
4IP	1.8	0.07	20	0.79	64	2.52	615 820 358 0
5IP	2.0	0.08	20	0.79	44	1.73	615 820 359 0
5IP	2.0	0.08	20	0.79	64	2.52	615 820 360 0
6IP	2.5	0.10	20	0.79	44	1.73	615 820 361 0
6IP	2.5	0.10	20	0.79	64	2.52	615 820 362 0
8IP	3.0	0.12	20	0.79	44	1.73	615 820 363 0
8IP	3.0	0.12	20	0.79	64	2.52	615 820 364 0
10IP	3.0	0.12	20	0.79	44	1.73	615 820 365 0
10IP	3.0	0.12	20	0.79	64	2.52	615 820 366 0

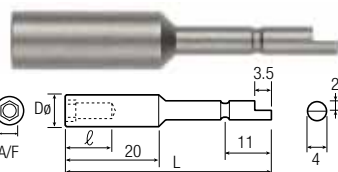


Torx Taper Proof

T	Dø		I		LENGTH L		PART NO
	mm	in	mm	in	mm	in	10 pcs
T1	1.5	0.06	20	0.79	44	1.73	615 820 663 0
T2	1.5	0.06	20	0.79	44	1.73	615 820 664 0
T3	1.7	0.07	20	0.79	44	1.73	615 820 665 0
T4	1.8	0.07	20	0.79	44	1.73	615 820 666 0
T5	2.0	0.08	20	0.79	44	1.73	615 820 102 0
T5	2.0	0.08	20	0.79	64	2.52	615 820 103 0
T6	2.0	0.08	20	0.79	44	1.73	615 820 104 0
T6	2.0	0.08	20	0.79	64	2.52	615 820 105 0
T8	3.0	0.12	20	0.79	44	1.73	615 820 668 0
T8H	3.0	0.12	20	0.79	44	1.73	615 820 106 0
T8H	3.0	0.12	20	0.79	64	2.52	615 820 107 0
T9	3.0	0.12	20	0.79	44	1.73	615 820 669 0
T10H	3.0	0.12	20	0.79	44	1.73	615 820 108 0
T10H	3.0	0.12	20	0.79	64	2.52	615 820 109 0
T15H	4.0	0.16	20	0.79	64	2.52	615 820 110 0



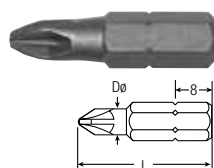
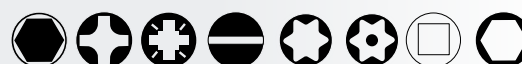
PZ	Dø		I		LENGTH L		PART NO
	mm	in	mm	in	mm	in	10 pcs
0	2.5	0.10	20	0.79	44	1.73	615 820 377 0
0	2.5	0.10	20	0.79	64	2.52	615 820 378 0
1	4.0	0.16	-	-	44	1.73	615 820 379 0
1	4.0	0.16	-	-	64	2.52	615 820 380 0



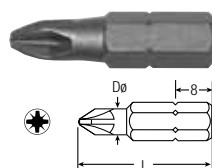
AF	Dø		I		LENGTH L		PART NO
	mm	in	mm	in	mm	in	10 pcs
A/F2.3	4.0	0.16	5	0.20	44	1.73	615 820 095 0
A/F2.5	4.0	0.16	5	0.20	44	1.73	615 820 096 0
A/F3	5.0	0.20	8	0.31	44	1.73	615 820 097 0
A/F4	7.0	0.28	10	0.39	44	1.73	615 820 098 0
A/F4.5	7.0	0.28	10	0.39	44	1.73	615 820 099 0
A/F5	8.0	0.31	15	0.59	44	1.73	615 820 100 0
A/F5.5	8.0	0.31	15	0.59	44	1.73	615 820 101 0

Insert bits

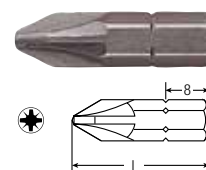
Drive: $1/4'' = 6.35\text{mm}$
Hex shank DIN3126-C6.3



PH	Dø	LENGTH L	PART NO
	mm	in	10 pcs
1	4.5	0.18	50.0 1.97 615 820 687 0
2	6.0	0.24	25.4 1.00 615 820 518 0
2	6.0	0.24	50.0 1.97 615 820 688 0



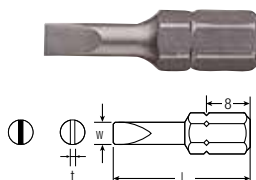
PZ	Dø	LENGTH L	PART NO
	mm	in	10 pcs
1	4.5	0.18	25.0 0.98 615 820 690 0
2	6.0	0.24	25.0 0.98 615 820 450 0
2	6.0	0.24	50.0 1.97 615 820 694 0
3	6.0	0.24	25.0 0.98 615 820 693 0



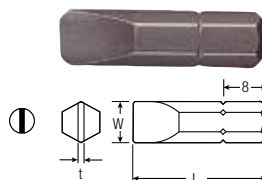
PZ	LENGTH L		PART NO
	mm	in	10 pcs
1	25.4	1.00	615 820 449 0
2	25.4	1.00	615 820 450 0
2	50.0	1.97	615 820 521 0
3	50.0	1.97	615 820 522 0



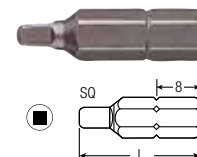
Drive: 1/4" = 6.35mm
Hex shank DIN3126-C6.3



w	t	LENGTH L	PART NO
mm	in	mm	in
4	0.6	0.02	25.0 0.98
5	0.8	0.03	25.0 0.98

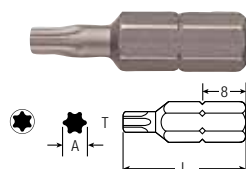


w	t	LENGTH L	PART NO
mm	in	mm	in
4.76	0.9	0.03	25.4 1.00
5.55	1.0	0.04	25.4 1.00
6.35	1.1	0.04	25.4 1.00
7.14	1.2	0.05	25.4 1.00
7.93	1.3	0.05	25.4 1.00

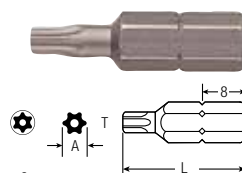


SQ	LENGTH L	PART NO
mm	in	10 pcs
1 (3/32")	25.4	1.00
2 (1/8")	25.4	1.00
3 (9/64")	25.4	1.00

* Production upon your order.



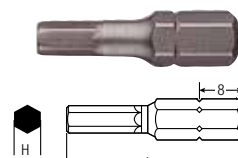
T	A	LENGTH L	PART NO
mm	in	mm	in
T3	1.1	0.04	25.0 0.98
T5	1.4	0.05	25.0 0.98
T6	1.7	0.06	25.0 0.98
T7	2.0	0.08	25.0 0.98
T8	2.3	0.09	25.0 0.98
T9	2.5	0.10	25.0 0.98
T10	2.7	0.11	25.0 0.98
T15	3.3	0.13	25.0 0.98
T20	3.8	0.15	25.0 0.98
T25	4.4	0.17	25.0 0.98
T27	5.0	0.20	25.0 0.98
T30	5.5	0.22	25.0 0.98
T40	6.6	0.26	25.0 0.98



Torx Tamper Proof

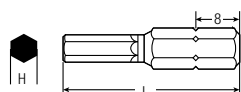
T	A	LENGTH L	PART NO
mm	in	mm	in
T10H	2.7	0.11	25.0 0.98
T20H	3.8	0.15	25.0 0.98
T25H	4.4	0.17	25.0 0.98
T27H	5.0	0.20	25.0 0.98

* Production upon your order.



H	LENGTH L	PART NO
mm	in	10 pcs
H1.5	25.0	0.98
H2	25.0	0.98
H2.5	25.0	0.98
H3	25.0	0.98
H4	25.0	0.98
H5	25.0	0.98
H6	25.0	0.98
H8	25.0	0.98

Drive: 5/16" = 8mm Hex.
DIN3126-C8

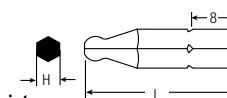


H	LENGTH L	PART NO
mm	in	10 pcs
H5	34.0	1.34
H6	34.0	1.34



Torx Plus

IP	A	LENGTH L	PART NO
mm	in	mm	in
6IP	1.7	0.06	25.0 0.98
8IP	2.3	0.09	25.0 0.98
10IP	2.7	0.11	25.0 0.98
15IP	3.3	0.13	25.0 0.98
20IP	3.8	0.15	25.0 0.98
25IP	4.4	0.17	25.0 0.98
30IP	5.5	0.22	25.0 0.98
40IP	6.6	0.26	25.4 1.00

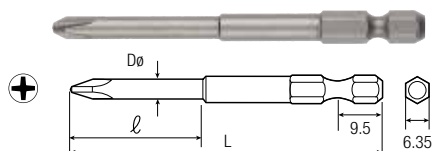


Ball Point

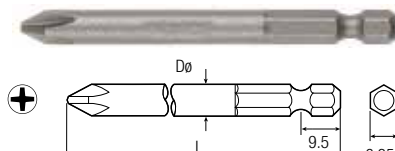
H	LENGTH L	PART NO
mm	in	10 pcs
H2	25.0	0.98
H2.5	25.0	0.98
H3	25.0	0.98
H4	25.0	0.98
H5	25.0	0.98
H6	25.0	0.98
H8	25.0	0.98

Power bits

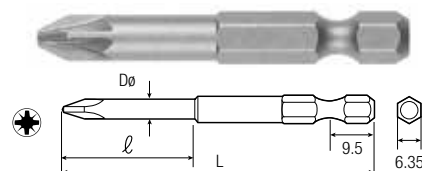
Drive: 1/4" = 6.35mm
Hex drive - DIN3126-E6.3



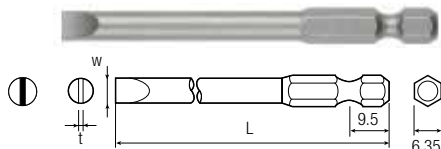
PH	Dø		l		LENGTH L		PART NO
	mm	in	mm	in	mm	in	10 pcs
00	1.2	0.05	20	0.8	60	2.4	615 820 056 0
00	1.6	0.06	-	-	49	1.9	615 820 125 0
00	1.6	0.06	-	-	70	2.8	615 820 348 0
00	1.5	0.06	20	0.8	60	2.4	615 820 057 0
00	1.7	0.07	20	0.8	60	2.4	615 820 058 0
00	2	0.08	40	1.57	60	2.36	615 820 059 0
0	1.4	0.06	30	1.2	60	2.4	615 820 061 0
0	1.7	0.07	40	1.6	80	3.1	615 820 064 0
0	2.5	0.10	20	0.8	60	2.4	615 820 067 0
0	2.5	0.10	30	1.2	100	3.9	615 820 068 0
0	3.0	0.12	20	0.8	60	2.4	615 820 069 0
0	3.0	0.12	30	1.2	100	3.9	615 820 070 0
0	3.2	0.12	-	-	49	1.9	615 820 464 0



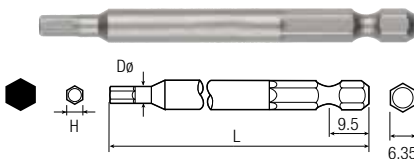
PH	Dø		LENGTH L		PART NO
	mm	in	mm	in	10 pcs
1	4.8	0.19	49	1.93	615 820 465 0
1	4.76	0.19	70	2.76	615 820 466 0
1	4.76	0.19	89	3.50	615 820 467 0
1	4.5	0.18	150	5.91	615 820 659 0
1	4.76	0.19	152	5.98	615 820 468 0
2	4.76	0.19	49	1.93	615 820 126 0
2	6.35	0.25	49	1.93	615 820 469 0
2	6.35	0.25	70	2.76	615 820 470 0
2	6.35	0.25	89	3.50	615 820 471 0
2	6.0	0.24	100	3.94	615 820 561 0
2	6.0	0.24	127	5.00	615 820 127 0
2	6.0	0.24	150	5.91	615 820 660 0
2	6.35	0.25	152	5.98	615 820 472 0
2	6.0	0.24	200	7.87	615 820 129 0
3	7.9	0.31	70	2.76	615 820 474 0
3	7.9	0.31	89	3.50	615 820 475 0
3	8.0	0.31	100	3.94	615 820 562 0
3	8.0	0.31	150	5.91	615 820 128 0



PZ	Dø		l		LENGTH L		PART NO
	mm	in	mm	in	mm	in	10 pcs
0	3.17	0.12	-	-	70	2.76	615 820 314 0
0	2.00	0.08	20	0.79	60	2.36	615 820 715 0
0	3.00	0.12	20	0.79	60	2.36	615 820 716 0
0	2.0	0.08	30	1.18	100	3.94	615 820 322 0
1	4.76	0.19	-	-	49	1.93	615 820 131 0
1	4.76	0.19	-	-	70	2.76	615 820 352 0
1	4.76	0.19	50	1.97	75	2.95	615 820 486 0
1	4.76	0.19	-	-	89	3.50	615 820 478 0
1	4.50	0.18	-	-	100	3.94	615 820 483 0
1	4.76	0.19	80	3.15	110	4.33	615 820 484 0
1	4.76	0.19	50	1.97	152	5.98	615 820 481 0
2	6.35	0.25	-	-	49	1.93	615 820 311 0
2	6.0	0.24	22	0.87	50	1.97	615 820 712 0
2	6.35	0.25	-	-	70	2.76	615 820 476 0
2	6.35	0.25	-	-	89	3.50	615 820 479 0
2	6.0	0.24	-	-	100	3.94	615 820 558 0
2	6.0	0.24	-	-	150	5.91	615 820 661 0
2	6.35	0.25	50	1.97	152	5.98	615 820 482 0
2	6.0	0.24	-	-	200	7.87	615 820 711 0
3	6.0	0.24	80	3.15	110	4.33	615 820 713 0
4	8.0	0.31	-	-	51	2.01	615 820 714 0
4	8.0	0.31	-	-	75	2.99	615 820 559 0



W	t		LENGTH L		PART NO
	mm	in	mm	in	10 pcs
3.0	0.50	0.02	51	2.01	615 820 566 0
3.4	0.66	0.03	70	2.76	615 820 135 0
3.8	0.76	0.03	76	2.99	615 820 137 0
4.0	0.60	0.02	51	2.01	615 820 567 0
4.75	0.86	0.03	76	2.99	615 820 138 0
5.5	0.80	0.03	51	2.01	615 820 568 0
6.35	0.91	0.04	49	1.93	615 820 489 0
3.1	0.56	0.02	102	4.02	615 820 144 0
3.1	0.56	0.02	76	2.99	615 820 136 0
3.1	0.56	0.02	49	1.93	615 820 132 0
9.1	1.27	0.05	102	4.02	615 820 152 0
4.75	0.86	0.03	102	4.02	615 820 147 0
3.8	0.55	0.02	102	4.02	615 820 146 0
3.4	1.27	0.05	102	4.02	615 820 145 0
9.1	1.17	0.05	76	2.99	615 820 143 0
7.9	1.067	0.04	76	2.99	615 820 142 0
6.98	0.96	0.04	76	2.99	615 820 141 0
5.46	0.91	0.04	76	2.99	615 820 140 0
5.46	1.27	0.05	76	2.99	615 820 139 0
9.1	1.17	0.05	49	1.93	615 820 493 0
7.9	1.067	0.04	49	1.93	615 820 492 0
6.98	0.96	0.04	49	1.93	615 820 491 0
6.35	0.91	0.04	49	1.93	615 820 490 0
5.46	0.86	0.03	49	1.93	615 820 488 0
3.8	0.55	0.02	49	1.93	615 820 134 0
3.4	0.66	0.03	49	1.93	615 820 133 0

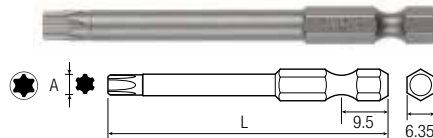
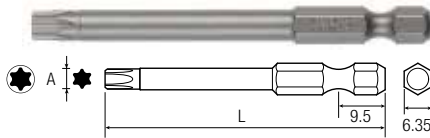


H	Dø		LENGTH L		PART NO
	mm	in	mm	in	10 pcs
H2	7.0	0.28	75	2.95	615 820 001 0
H2	7.0	0.28	100	3.94	615 820 002 0
H2	3.5	0.14	49	1.93	615 820 353 0
H2.5	7.0	0.28	75	2.95	615 820 003 0
H2.5	7.0	0.28	100	3.94	615 820 004 0
H2.5	7.0	0.28	150	5.91	615 820 014 0
H2.5	3.5	0.14	49	1.93	615 820 495 0
H3	3.5	0.14	49	1.93	615 820 496 0
H3	7.0	0.28	75	2.95	615 820 005 0
H3	7.0	0.28	100	3.94	615 820 006 0
H3	7.0	0.28	150	5.91	615 820 015 0
H4	4.6	0.18	49	1.93	615 820 497 0
H4	7.0	0.28	75	2.95	615 820 007 0
H4	7.0	0.28	100	3.94	615 820 008 0
H4	7.0	0.28	150	5.91	615 820 016 0
H5	5.8	0.23	49	1.93	615 820 498 0
H5	7.0	0.28	75	2.95	615 820 009 0
H5	7.0	0.28	100	3.94	615 820 010 0
H5	7.0	0.28	150	5.91	615 820 017 0

H	Dø		LENGTH L		PART NO
	mm	in	mm	in	10 pcs
H6	-	-	49	1.93	615 820 499 0
H6	7.0	0.28	75	2.95	615 820 011 0
H6	7.0	0.28	100	3.94	615 820 012 0
H6	7.0	0.28	150	5.91	615 820 018 0
H7	10	0.39	70	2.76	615 820 569 0
H8	-	-	49	1.93	615 820 315 0
H8	10	0.39	70	2.76	615 820 570 0
H8	10	0.39	150	5.91	615 820 019 0
H9	11	0.43	70	2.76	615 820 571 0
H10	-	-	49	1.93	615 820 354 0
H10	12	0.47	70	2.76	615 820 572 0
H1/4"	-	-	49	1.93	615 820 494 0



Drive: 1/4" = 6.35mm
Hex drive - DIN3126-E6.3

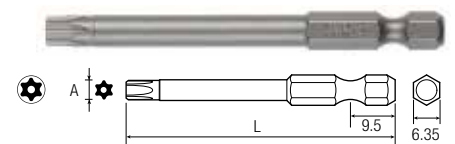


T	A		LENGTH L		PART NO
	mm	in	mm	in	10 pcs
T5	1.37	0.05	49	1.93	615 820 153 0
T5	1.37	0.05	70	2.76	615 820 154 0
T6	1.65	0.06	49	1.93	615 820 156 0
T6	1.65	0.06	70	2.76	615 820 157 0
T7	1.97	0.08	70	2.76	615 820 161 0
T7	1.97	0.08	89	3.50	615 820 162 0
T8	2.30	0.09	49	1.93	615 820 166 0
T8	2.30	0.09	70	2.76	615 820 167 0
T8	2.30	0.09	90	3.54	615 820 168 0
T8	2.30	0.09	152	5.98	615 820 169 0
T9	2.48	0.10	70	2.76	615 820 171 0
T9	2.48	0.10	90	3.54	615 820 172 0
T9	2.48	0.10	152	5.98	615 820 176 0
T10	2.72	0.11	49	1.93	615 820 177 0
T10	2.72	0.11	70	2.76	615 820 178 0
T10	2.72	0.11	90	3.54	615 820 179 0
T10	2.72	0.11	152	5.98	615 820 180 0
T15	3.26	0.13	49	1.93	615 820 181 0
T15	3.26	0.13	70	2.76	615 820 183 0
T15	3.26	0.13	90	3.54	615 820 186 0
T15	3.26	0.13	152	5.98	615 820 187 0*
T20	3.84	0.15	49	1.93	615 820 188 0
T20	3.84	0.15	70	2.76	615 820 189 0
T20	3.84	0.15	90	3.54	615 820 190 0
T20	3.84	0.15	152	5.98	615 820 191 0
T25	4.40	0.17	49	1.93	615 820 192 0
T25	4.40	0.17	70	2.76	615 820 193 0
T25	4.40	0.17	152	5.98	615 820 316 0*
T27	4.96	0.20	90	3.54	615 820 356 0
T27	4.96	0.20	152	5.98	615 820 695 0
T30	5.49	0.22	49	1.93	615 820 163 0
T30	5.49	0.22	70	2.76	615 820 174 0
T30	5.49	0.22	90	3.54	615 820 184 0
T30	5.49	0.22	152	5.98	615 820 194 0
T40	6.60	0.26	49	1.93	615 820 164 0
T40	6.60	0.26	70	2.76	615 820 175 0
T40	6.60	0.26	90	3.54	615 820 185 0
T40	6.60	0.26	152	5.98	615 820 195 0

* Production upon your order.

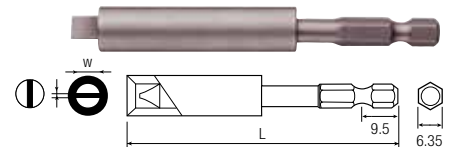
IP	A		LENGTH L		PART NO
	mm	in	mm	in	10 pcs
5IP	1.37	0.05	49	1.93	615 820 265 0
5IP	1.37	0.05	70	2.76	615 820 266 0
6IP	1.65	0.06	49	1.93	615 820 267 0
6IP	1.65	0.06	152	5.98	615 820 270 0
7IP	1.97	0.08	49	1.93	615 820 271 0
7IP	1.97	0.08	70	2.76	615 820 272 0
7IP	1.97	0.08	90	3.54	615 820 273 0
7IP	1.97	0.08	152	5.98	615 820 274 0
8IP	2.30	0.09	49	1.93	615 820 275 0
8IP	2.30	0.09	90	3.54	615 820 277 0
8IP	2.30	0.09	152	5.98	615 820 278 0
9IP	2.48	0.10	49	1.93	615 820 280 0
9IP	2.48	0.10	70	2.76	615 820 281 0*
9IP	2.48	0.10	90	3.54	615 820 286 0*
9IP	2.48	0.10	152	5.98	615 820 279 0*
10IP	2.72	0.11	49	1.93	615 820 287 0
10IP	2.72	0.11	152	5.98	615 820 294 0
15IP	3.26	0.13	49	1.93	615 820 295 0
15IP	3.26	0.13	90	3.54	615 820 301 0*
15IP	3.26	0.13	152	5.98	615 820 302 0
20IP	3.84	0.15	49	1.93	615 820 303 0
20IP	3.84	0.15	70	2.76	615 820 304 0
20IP	3.84	0.15	90	3.54	615 820 305 0*
20IP	3.84	0.15	152	5.98	615 820 306 0
25IP	4.40	0.17	49	1.93	615 820 282 0*
25IP	4.40	0.17	70	2.76	615 820 283 0*
25IP	4.40	0.17	90	3.54	615 820 284 0*
25IP	4.40	0.17	152	5.98	615 820 285 0*
27IP	4.96	0.20	49	1.93	615 820 289 0
27IP	4.96	0.20	90	3.54	615 820 291 0*
30IP	5.49	0.22	49	1.93	615 820 297 0*
30IP	5.49	0.22	70	2.76	615 820 298 0*
30IP	5.49	0.22	90	3.54	615 820 299 0*
30IP	5.49	0.22	152	5.98	615 820 300 0
40IP	6.60	0.26	49	1.93	615 820 307 0*
40IP	6.60	0.26	70	2.76	615 820 308 0*
40IP	6.60	0.26	90	3.54	615 820 309 0*
40IP	6.60	0.26	152	5.98	615 820 310 0

* Production upon your order.



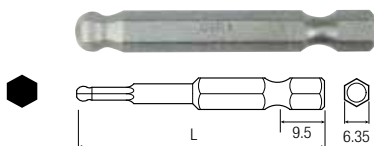
Torx Tamper Proof

T	A		LENGTH L		PART NO
	mm	in	mm	in	10 pcs
T10H	2.72	0.11	49	1.93	615 820 196 0
T10H	2.72	0.11	70	2.76	615 820 198 0
T20H	3.84	0.15	49	1.93	615 820 197 0
T20H	3.84	0.15	70	2.76	615 820 199 0



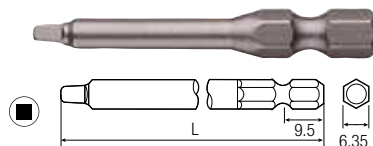
Finder Sleeve Combined

W	t		screw head	LENGTH L		PART NO
	mm	in		mm	in	
4.90	0.91	0.04	4-5	95	3.74	111062
0.91	0.91	0.04	5-6	95	3.74	615 820 503 0
6.12	0.97	0.04	6-8	95	3.74	111072
7.37	1.07	0.04	8-10	95	3.74	615 804 741 0
8.89	1.17	0.05	10-12	95	3.74	615 804 742 0
10.03	1.27	0.05	12-14	98	3.86	615 804 743 0



Ball Point

H	LENGTH L		PART NO
	mm	in	10 pcs
H2	50	1.97	615 820 202 0
H2.5	50	1.97	615 820 203 0
H5	50	1.97	615 820 206 0
H6	50	1.97	615 820 207 0



SQ	LENGTH L		PART NO
	mm	in	10 pcs
1 (3/32")	70	2.76	615 820 500 0
3 (9/64")	70	2.76	615 820 502 0

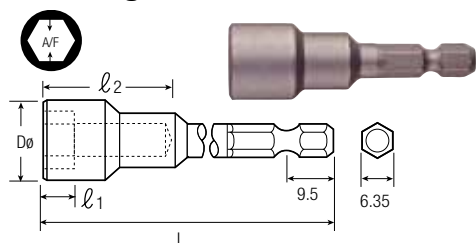
Nut setters

Drive: 1/4" = 6.35mm

Hex drive - DIN3126-E6.3

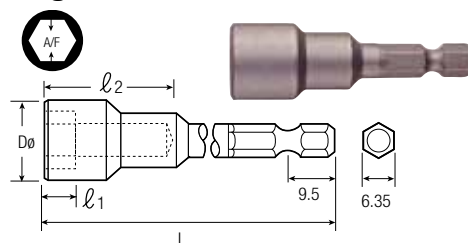


Non magnetic nut setters



A/F		Dø		l1		l2		LENGTH L		PART NO
mm	in	mm	in	mm	in	mm	in	mm	in	10 pcs
4.0	0.2	8.0	0.3	3.0	0.1	15.0	0.6	50	2.0	615 820 573 0
4.0	0.2	8.0	0.3	3.0	0.1	25.0	1.0	100	3.9	615 820 599 0
4.5	0.2	8.0	0.3	3.0	0.1	15.0	0.6	50	2.0	615 820 574 0*
4.5	0.2	8.0	0.3	3.0	0.1	25.0	1.0	100	3.9	615 820 600 0
5.0	0.2	8.5	0.3	3.5	0.1	15.0	0.6	50	2.0	615 820 575 0*
5.0	0.2	8.5	0.3	3.5	0.1	25.0	1.0	75	3.0	615 820 588 0
5.0	0.2	8.5	0.3	3.5	0.1	25.0	1.0	100	3.9	615 820 601 0
5.0	0.2	8.5	0.3	3.5	0.1	25.0	1.0	150	5.9	615 820 210 0
5.5	0.2	9.0	0.4	3.5	0.1	15.0	0.6	50	2.0	615 820 576 0
5.5	0.2	9.0	0.4	3.5	0.1	25.0	1.0	75	3.0	615 820 589 0
5.5	0.2	9.0	0.4	3.5	0.1	25.0	1.0	100	3.9	615 820 602 0
5.5	0.2	9.0	0.4	3.5	0.1	25.0	1.0	150	5.9	615 820 211 0
6.0	0.2	10.0	0.4	4.0	0.2	15.0	0.6	50	2.0	615 820 577 0
6.0	0.2	10.0	0.4	4.0	0.2	25.0	1.0	75	3.0	615 820 590 0
6.0	0.2	10.0	0.4	4.0	0.2	25.0	1.0	100	3.9	615 820 603 0
6.0	0.2	10.0	0.4	4.0	0.2	25.0	1.0	150	5.9	615 820 212 0
7.0	0.3	13.0	0.5	5.0	0.2	15.0	0.6	50	2.0	615 820 578 0
7.0	0.3	13.0	0.5	5.0	0.2	25.0	1.0	75	3.0	615 820 591 0
7.0	0.3	13.0	0.5	5.0	0.2	25.0	1.0	100	3.9	615 820 604 0
7.0	0.3	13.0	0.5	5.0	0.2	25.0	1.0	150	5.9	615 820 213 0
8.0	0.3	13.0	0.5	5.0	0.2	15.0	0.6	50	2.0	615 820 579 0
8.0	0.3	13.0	0.5	5.0	0.2	30.0	1.2	75	3.0	615 820 592 0
8.0	0.3	13.0	0.5	5.0	0.2	30.0	1.2	100	3.9	615 820 605 0
8.0	0.3	13.0	0.5	5.0	0.2	30.0	1.2	150	5.9	615 820 214 0
9.0	0.4	14.0	0.6	5.5	0.2	15.0	0.6	50	2.0	615 820 580 0
9.0	0.4	14.0	0.6	5.5	0.2	30.0	1.2	75	3.0	615 820 593 0
9.0	0.4	14.0	0.6	5.5	0.2	30.0	1.2	100	3.9	615 820 606 0
10.0	0.4	16.0	0.6	6.5	0.3	15.0	0.6	50	2.0	615 820 581 0
10.0	0.4	16.0	0.6	6.5	0.3	30.0	1.2	75	3.0	615 820 594 0
10.0	0.4	16.0	0.6	6.5	0.3	30.0	1.2	100	3.9	615 820 607 0
10.0	0.4	16.0	0.6	6.5	0.3	30.0	1.2	150	5.9	615 820 215 0
11.0	0.4	17.0	0.7	7.0	0.3	15.0	0.6	50	2.0	615 820 582 0
11.0	0.4	17.0	0.7	7.0	0.3	30.0	1.2	75	3.0	615 820 595 0
11.0	0.4	17.0	0.7	7.0	0.3	30.0	1.2	100	3.9	615 820 608 0
12.0	0.5	18.0	0.7	7.5	0.3	30.0	1.2	75	3.0	615 820 596 0
12.0	0.5	18.0	0.7	7.5	0.3	30.0	1.2	100	3.9	615 820 609 0
12.0	0.5	18.0	0.7	7.5	0.3	30.0	1.2	150	5.9	615 820 216 0
13.0	0.5	19.0	0.7	8.0	0.3	15.0	0.6	50	2.0	615 820 584 0
13.0	0.5	19.0	0.7	8.0	0.3	30.0	1.2	100	3.9	615 820 610 0
13.0	0.5	19.0	0.7	8.0	0.3	30.0	1.2	150	5.9	615 820 217 0
14.0	0.6	20.0	0.8	8.0	0.3	15.0	0.6	50	2.0	615 820 585 0
14.0	0.6	20.0	0.8	8.0	0.3	30.0	1.2	75	3.0	615 820 598 0
14.0	0.6	20.0	0.8	8.0	0.3	30.0	1.2	100	3.9	615 820 611 0

Magnetic nut setters

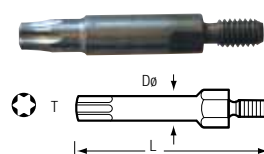


A/F		Dø		l1		LENGTH L		PART NO
mm	in	mm	in	mm	in	mm	in	10 pcs
5.0	0.2	8.5	0.3	3.5	0.1	50	2.0	615 820 612 0
5.0	0.2	8.5	0.3	3.5	0.1	75	3.0	615 820 623 0
5.0	0.2	8.5	0.3	3.5	0.1	100	3.9	615 820 634 0
5.0	0.2	8.5	0.3	3.5	0.1	150	5.9	615 820 218 0
5.5	0.2	9.0	0.4	3.5	0.1	50	2.0	615 820 613 0
5.5	0.2	9.0	0.4	3.5	0.1	75	3.0	615 820 624 0*
6.0	0.2	10.0	0.4	4.0	0.2	50	2.0	615 820 614 0
6.0	0.2	10.0	0.4	4.0	0.2	75	3.0	615 820 625 0
6.0	0.2	10.0	0.4	4.0	0.2	100	3.9	615 820 636 0
6.0	0.2	10.0	0.4	4.0	0.2	150	5.9	615 820 220 0
7.0	0.3	13.0	0.5	4.5	0.2	50	2.0	615 820 615 0
7.0	0.3	13.0	0.5	4.5	0.2	75	3.0	615 820 626 0
7.0	0.3	13.0	0.5	4.5	0.2	100	3.9	615 820 637 0
7.0	0.3	13.0	0.5	5.0	0.2	150	5.9	615 820 221 0
8.0	0.3	13.0	0.5	5.0	0.2	50	2.0	615 820 616 0
8.0	0.3	13.0	0.5	5.0	0.2	75	3.0	615 820 627 0
8.0	0.3	13.0	0.5	5.0	0.2	100	3.9	615 820 638 0
8.0	0.3	13.0	0.5	5.0	0.2	150	5.9	615 820 222 0
9.0	0.4	14.0	0.6	5.5	0.2	50	2.0	615 820 617 0
9.0	0.4	14.0	0.6	5.5	0.2	75	3.0	615 820 628 0
9.0	0.4	14.0	0.6	5.5	0.2	100	3.9	615 820 639 0
10.0	0.4	16.0	0.6	6.5	0.3	50	2.0	615 820 618 0
10.0	0.4	16.0	0.6	6.5	0.3	75	3.0	615 820 629 0
10.0	0.4	16.0	0.6	6.5	0.3	100	3.9	615 820 640 0
10.0	0.4	16.0	0.6	6.5	0.3	150	5.9	615 820 223 0
11.0	0.4	17.0	0.7	7.0	0.3	50	2.0	615 820 619 0
11.0	0.4	17.0	0.7	7.0	0.3	75	3.0	615 820 630 0
11.0	0.4	17.0	0.7	7.0	0.3	100	3.9	615 820 641 0
12.0	0.5	18.0	0.7	7.5	0.3	50	2.0	615 820 620 0
12.0	0.5	18.0	0.7	7.5	0.3	75	3.0	615 820 631 0
12.0	0.5	18.0	0.7	7.5	0.3	100	3.9	615 820 642 0
12.0	0.5	18.0	0.7	7.5	0.3	150	5.9	615 820 224 0
13.0	0.5	19.0	0.7	8.0	0.3	50	2.0	615 820 621 0
13.0	0.5	19.0	0.7	8.0	0.3	75	3.0	615 820 632 0
13.0	0.5	19.0	0.7	8.0	0.3	100	3.9	615 820 643 0
13.0	0.5	19.0	0.7	8.0	0.3	150	5.9	615 820 225 0
14.0	0.6	20.0	0.8	8.0	0.3	50	2.0	615 820 622 0
14.0	0.6	20.0	0.8	8.0	0.3	75	3.0	615 820 633 0
14.0	0.6	20.0	0.8	8.0	0.3	100	3.9	615 820 644 0

* Production upon your order.

Screw shanks

Screw shank driver bit



PH	M	LENGTH L		PART NO
		mm	in	10 pcs

2	M4	34	1.34	615 820 654 0
---	----	----	------	---------------

2	M5	34	1.34	615 820 657 0
---	----	----	------	---------------

* Production upon your order.

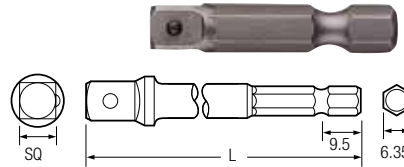
PZ	M	LENGTH L		PART NO
		mm	in	10 pcs
1	M4	34	1.34	615 820 655 0
2	M5	34	1.34	615 820 658 0

T	M	Dø		LENGTH L		PART NO
		mm	in	mm	in	10 pcs
T10	M4	6	0.24	33	1.3	105782
T20	M4	6	0.24	33	1.3	105802
T15	M5	7	0.28	33	1.3	105842
T20	M5	7	0.28	33	1.3	105852
T25	M5	7	0.28	33	1.3	105862
T30	M5	7	0.28	33	1.3	105882



Adapters

Drive: 1/4" = 6.35mm Hex drive - DIN3126-E6.3



SQ	LENGTH L		PART NO
	mm	in	
1/4"	35	1.38	95352
1/4"	51	2.01	615 820 508 0
1/4"	76	2.99	615 820 509 0
1/4"	102	4.02	615 820 510 0
1/4"	152	5.98	615 820 511 0
3/8"	43	1.69	95362
3/8"	51	2.01	615 820 512 0
3/8"	76	2.99	615 820 513 0
3/8"	102	4.02	615 820 514 0
3/8"	152	5.98	615 820 515 0

Bits holders

Drive: 1/4" = 6.35mm
Hex drive - DIN3126-C6.3



TIP SIZE	LENGTH L		MAGNETIC	PART NO
	mm	in		
T10	33	1.30	yes	615 820 247 0
T15	33	1.30	yes	615 820 245 0
T20	33	1.30	yes	615 820 246 0
T25	33	1.30	yes	615 820 253 0
PH1	33	1.30	yes	615 820 248 0
PH2	33	1.30	yes	615 820 249 0
PZ1	33	1.30	yes	615 820 250 0
PZ2	33	1.30	yes	615 820 251 0



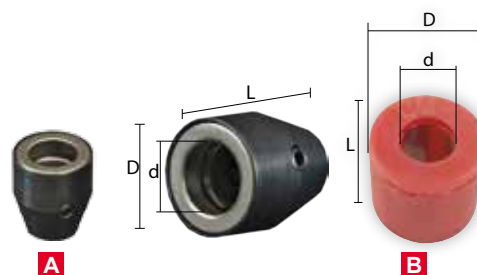
TIP SIZE	LENGTH L		PART NO
	mm	in	
T10	33	1.30	615 820 332 0
T10	49	1.93	615 820 340 0
T10	70	2.76	615 820 341 0
T15	33	1.30	615 820 333 0
T15	49	1.93	615 820 702 0
T20	33	1.30	615 820 334 0
T20	49	1.93	615 820 342 0
T20	75	2.95	615 820 343 0
T20	150	5.91	615 820 344 0
T25	33	1.30	615 820 335 0
T25	49	1.93	615 820 704 0
T25	70	2.76	615 820 705 0
PZ1	33	1.30	615 820 338 0
PZ2	33	1.30	615 820 339 0

PART NO	TIP SIZE	DRIVE	LENGTH L		DIAMETER Ø		MAGNETIC	DIN 3126-C6.3	DIN 3126-E6.3	DOUBLE ENDED BITS DIN 3126-E6.3	DOUBLE ENDED BITS DIN 3126-C6.3	SPECIFIC BIT
			mm	in	mm	in						
615 820 557 0		5/16"	70	2.8	12.7	0.51	Yes	X				
11502		5/16"	54	2.2	11.1	0.44	Yes	X				
615 820 556 0		5/16"	50	2.0	11.1	0.44	No	X				
615 820 443 0		1/4"	71	2.8	17	0.68	Yes	X				
615 820 404 0		1/4"	60	2.4	11.1	0.44	Yes	X				
615 820 555 0		1/4"	75	3.0	9.1	0.36	Yes			X		
110102		1/4"	150	6.0	11.1	0.44	Yes	X				
615 820 506 0		1/4"	100	4.0	11.1	0.44	Yes	X				
615 820 507 0		1/4"	150	6.0	11.1	0.44	Yes	X				
615 820 402 0		1/4"	60	2.4	11.1	0.44	No			X		
615 820 504 0		1/4"	100	4.0	11.1	0.44	No	X				
615 820 505 0		1/4"	150	6.0	11.1	0.44	No	X				
615 820 405 0		1/4"	62	2.5	14.4	0.58	Yes				X	
615 820 403 0		1/4"	62	2.5	14.4	0.58	No				X	
615 820 254 0	T10	1/4"	49	2.0	-	-	Yes					X
615 820 255 0	T10	1/4"	70	2.8	-	-	Yes					X
615 820 698 0	T15	1/4"	49	2.0	-	-	Yes					X
615 820 699 0	T15	1/4"	70	2.8	-	-	Yes					X
615 820 256 0	T20	1/4"	49	2.0	-	-	Yes					X
615 820 244 0	T20	1/4"	75	3.0	-	-	Yes					X
615 820 252 0	T20	1/4"	150	6.0	-	-	Yes					X
615 820 700 0	T25	1/4"	49	2.0	-	-	Yes					X
615 820 701 0	T25	1/4"	70	2.8	-	-	Yes					X

Sockets and adaptors range

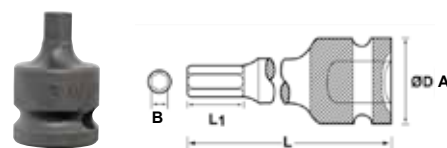
Ring magnet sleeves

PICTURE	d Max		D		L		PART NO
	mm	in	mm	in	mm	in	
A	3.1	0.12	9	0.35	16	0.63	615 811 423 0
	3.8	0.15	9	0.35	16	0.63	615 811 424 0
	4.5	0.18	9	0.35	16	0.63	615 811 425 0
	5	0.2	9	0.35	16	0.63	615 811 426 0
	6.5	0.26	11	0.43	16	0.63	615 811 427 0
	7.1	0.28	14	0.55	16	0.63	615 811 428 0
	8.2	0.32	14	0.55	16	0.63	615 811 429 0
	14	0.55	23.5	0.93	18	0.71	615 811 432 0
B	7	0.27	14	0.54	13	0.51	614 804 978 0



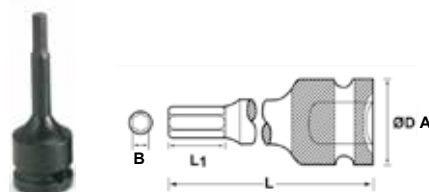
3/8" Hexagonal drives

A	B		L		L1		ØD		PART NO.
	mm	in	mm	in	mm	in	mm	in	
3/8"	4	0.16	60	1.97	16	0.63	19	0.75	909 201 378 1
3/8"	5	0.2	60	1.97	16	0.63	19	0.75	909 201 381 1
3/8"	6	0.24	60	1.97	16	0.63	19	0.75	909 201 381 1
3/8"	8	0.31	60	1.97	16	0.63	19	0.75	909 201 387 1
3/8"	10	0.39	60	1.97	16	0.63	19	0.75	909 201 390 1



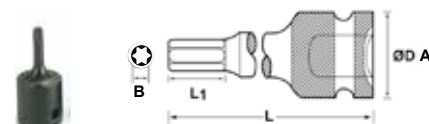
1/2" Hexagonal drives

A	B		L		L1		ØD		PART NO
	mm	in	mm	in	mm	in	mm	in	
1/2"	6	0.24	78	3,1	9	0,4	25	0.98	615 811 763 0
1/2"	8	0.31	78	3,1	16	0,6	25	0.98	909 201 396 1
1/2"	10	0.39	78	3,1	16	0,6	25	0.98	909 201 399 1
1/2"	14	0.55	78	3,1	20	0,8	25	0.98	909 201 405 1



Internal Torx drives

A	B	L		L1		ØD		PART NO.
		mm	in	mm	in	mm	in	
3/8"	T25	40	2.95	3	0.12	22	0.87	615 811 434 0
3/8"	T30	40	2.95	3.8	0.15	22	0.87	615 811 435 0
3/8"	T40	40	2.95	3.8	0.15	22	0.87	615 811 436 0
1/2"	T40	55	2.95	3.8	0.15	25	0.98	615 811 437 0

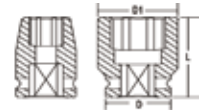


Sockets and adaptors range

1/4" = 6.35mm Square drive sockets

1/4" Standard

MODEL	OUTPUT SIZE		SHAPE	DIMENSIONS						PART NO.
	mm	in		D		D1		L		
	mm	in		mm	in	mm	in	mm	in	
S2055M	5.5	0.22	A	13	0.51	9.4	0.37	23.1	0.91	894 016 367 5
S208M	8	0.31	A	13	0.51	12.2	0.48	23.1	0.91	894 016 367 8
S210M	10	0.39	B	13	0.51	14.7	0.58	23.1	0.91	894 016 368 0
S213M	13	0.51	B	13	0.51	18.8	0.74	23.1	0.91	894 016 368 3

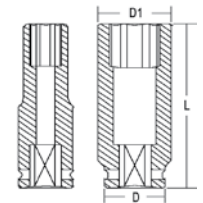


A

B

1/4" Deep

MODEL	OUTPUT SIZE		SHAPE	DIMENSIONS						PART NO.
				D		D1		L		
	mm	in		mm	in	mm	in	mm	in	
S207MD	7	1.8	A	13	0.51	11.2	0.44	50.0	1.97	894 016 370 1
S208MD	8	2	A	13	0.51	12.2	0.48	50.0	1.97	894 016 370 2
S210MD	10	2.5	B	13	0.51	14.7	0.58	50.0	1.97	894 016 370 4
S213MD	13	3.3	B	13	0.51	18.8	0.74	50.0	1.97	894 016 370 7

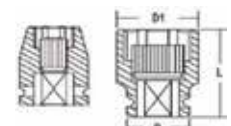


A

B

1/4" Magnetic

MODEL	OUTPUT SIZE		SHAPE	DIMENSIONS						PART NO.
				D		D1		L		
	mm	in		mm	in	mm	in	mm	in	
S206MG	6	1.5	A	13	0.51	9.9	0.39	23.1	0.91	894 016 374 1
S208MG	8	2	A	13	0.51	12.2	0.48	23.1	0.91	894 016 374 3
S210MG	10	2.5	B	13	0.51	14.5	0.57	23.1	0.91	894 016 374 5

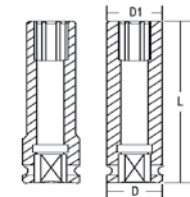


A

B

1/4" Deep Magnetic

MODEL	OUTPUT SIZE		SHAPE	DIMENSIONS						PART NO.
	mm	in		D		D1		L		
S208MDG	8	0.31	A	13	0.51	12.2	0.48	50.0	1.97	894 016 376 5
S210MDG	10	0.39	B	13	0.51	14.5	0.57	50.0	1.97	894 016 376 7



A

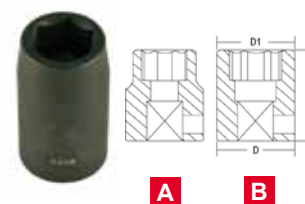
B

Sockets and adaptors range

3/8" = 9.52mm Square drive sockets

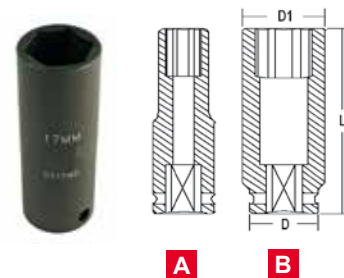
3/8" Standard

MODEL	OUTPUT SIZE		DESSIN	DIMENSIONS						PART NO.
	mm	in		D		D1		L		
S307M	7	0.28	A	19.0	0.75	11.4	0.45	29.5	1.16	894 016 378 5
S308M	8	0.31	A	19.0	0.75	12.7	0.5	29.5	1.16	894 016 378 6
S310M	10	0.39	A	19.0	0.75	15.2	0.6	29.5	1.16	894 016 378 8
S311M	11	0.43	A	19.0	0.75	17.0	0.67	29.5	1.16	894 016 378 9
S312M	12	0.47	B	19.0	0.75	19.0	0.75	29.5	1.16	894 016 379 0
S313M	13	0.51	B	19.0	0.75	19.0	0.75	29.5	1.16	894 016 379 1
S314M	14	0.55	B	20.0	0.79	20.0	0.79	29.5	1.16	894 016 379 2
S315M	15	0.59	B	22.1	0.87	22.1	0.87	29.5	1.16	894 016 379 3
S316M	16	0.63	B	23.6	0.93	23.6	0.93	30.0	1.18	894 016 379 4
S317M	17	0.67	B	23.9	0.94	23.9	0.94	30.0	1.18	894 016 379 5
S318M	18	0.71	B	24.9	0.98	24.9	0.98	30.0	1.18	894 016 379 6
S319M	19	0.75	B	25.9	1.02	25.9	1.02	30.0	1.18	894 016 379 7
S322M	22	0.87	B	30.0	1.18	30.0	1.18	30.0	1.18	894 016 380 0



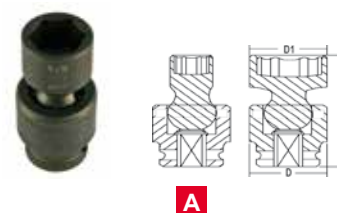
3/8" Deep

MODEL	OUTPUT SIZE		SHAPE	DIMENSIONS						PART NO.
				D		D1		L		
	mm	in		mm	in	mm	in	mm	in	
S307MD	7	0.28	A	19.0	0.75	11.4	0.45	65.0	2.56	894 016 381 3
S308MD	8	0.31	A	19.0	0.75	12.7	0.50	65.0	2.56	894 016 381 4
S310MD	10	0.39	A	19.0	0.75	15.2	0.60	65.0	2.56	894 016 381 6
S311MD	11	0.43	A	19.0	0.75	17.0	0.67	65.0	2.56	894 016 381 7
S313MD	13	0.51	B	19.0	0.75	19.0	0.75	65.0	2.56	894 016 381 9
S314MD	14	0.55	B	20.0	0.79	20.0	0.79	65.0	2.56	894 016 382 0
S315MD	15	0.59	B	22.1	0.87	22.1	0.87	65.0	2.56	894 016 382 1
S316MD	16	0.63	B	23.6	0.93	23.6	0.93	65.0	2.56	894 016 382 2
S317MD	17	0.67	B	23.9	0.94	23.9	0.94	65.0	2.56	894 016 382 3
S319MD	19	0.75	B	25.9	1.02	25.9	1.02	65.0	2.56	894 016 382 5
S321MD	21	0.83	B	27.9	1.1	27.9	1.10	65.0	2.56	894 016 382 7



3/8" Universal

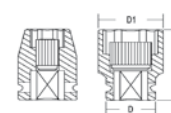
MODEL	OUTPUT SIZE		SHAPE	DIMENSIONS						PART NO.
				D		D1		L		
	mm	in		mm	in	mm	in	mm	in	
S314MU	14	0.55	A	26.9	1.06	21.0	0.83	55.1	2.17	894 016 384 7



Sockets and adaptors range

3/8" Magnetic

MODEL	OUTPUT SIZE		SHAPE	DIMENSIONS						PART NO.
				D		D1		L		
	mm	in		mm	in	mm	in	mm	in	
S310MG	10	0.39	A	19.0	0.75	15.2	0.6	29.5	1.16	894 016 389 5
S313MG	13	0.51	A	22.1	0.87	19.3	0.8	29.5	1.16	894 016 389 8
S314MG	14	0.55	A	22.1	0.87	20.3	0.8	29.5	1.16	894 016 389 9

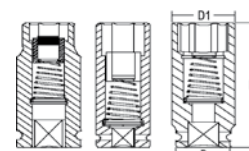


A

B

3/8" Deep magnetic

MODEL	OUTPUT SIZE		SHAPE	DIMENSIONS						PART NO.
				D		D1		L		
	mm	in		mm	in	mm	in	mm	in	
S308MDG	8	0.31	A	19.0	0.75	12.7	0.5	63	2.5	894 016 391 5
S310MDG	10	0.39	A	19.0	0.75	15.2	0.6	63	2.5	894 016 391 7
S313MDG	13	0.51	B	19.0	0.75	18.8	0.74	63	2.5	894 016 392 0



A

B

C

1/2" = 12.7mm Square drive sockets

1/2" Standard

MODEL	OUTPUT SIZE		SHAPE	DIMENSIONS						PART NO.
				D		D1		L		
	mm	in		mm	in	mm	in	mm	in	
S408M	8	0.31	A	22.1	0.87	14.5	0.57	38.1	1.5	894 016 395 0
S409M	9	0.35	A	22.1	0.87	15.5	0.61	38.1	1.5	894 016 395 1
S410M	10	0.39	A	22.1	0.87	16.8	0.66	38.1	1.5	894 016 395 2
S412M	12	0.47	A	22.1	0.87	19.0	0.75	38.1	1.5	894 016 395 4
S413M	13	0.51	A	23.8	0.94	20.3	0.8	38.1	1.5	894 016 395 5
S414M	14	0.55	A	23.8	0.94	21.6	0.85	38.1	1.5	894 016 395 6
S415M	15	0.59	A	24.9	0.98	23.1	0.91	38.1	1.5	894 016 395 7
S416M	16	0.63	B	24.9	0.98	24.9	0.98	38.1	1.5	894 016 395 8
S417M	17	0.67	B	25.9	1.02	25.9	1.02	38.1	1.5	894 016 395 9
S418M	18	0.71	B	26.4	1.04	26.4	1.04	38.1	1.5	894 016 396 0
S419M	19	0.75	B	27.9	1.1	27.9	1.1	38.1	1.5	894 016 396 1
S420M	20	0.79	B	30.0	1.18	30.0	1.18	38.1	1.5	894 016 396 2
S421M	21	0.83	B	30.0	1.18	30.0	1.18	38.1	1.5	894 016 396 3
S422M	22	0.87	B	32.0	1.26	32.0	1.26	38.1	1.5	894 016 396 4
S424M	24	0.94	B	34.0	1.34	34.0	1.34	38.1	1.5	894 016 396 6
S426M	26	1.02	B	36.0	1.42	36.0	1.42	38.1	1.5	894 016 396 8
S427M	27	1.06	B	38.1	1.5	38.	1.50	39.9	1.57	894 016 396 9
S428M	28	1.10	B	39.8	1.57	39.9	1.57	39.9	1.57	894 016 397 0
S429M	29	1.14	B	39.8	1.57	39.9	1.57	39.9	1.57	894 016 397 1
S430M	30	1.18	C	38.1	1.5	41.9	1.65	39.9	1.57	894 016 397 2
S431M	31	1.22	C	38.1	1.5	43.9	1.73	39.9	1.57	894 016 397 3
S432M	32	1.26	C	38.1	1.5	43.9	1.73	39.9	1.57	894 016 397 4

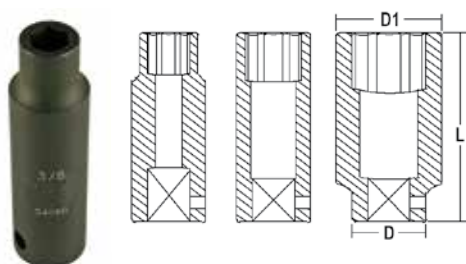


A

B

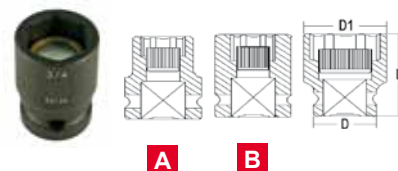
C

Sockets and adaptors range



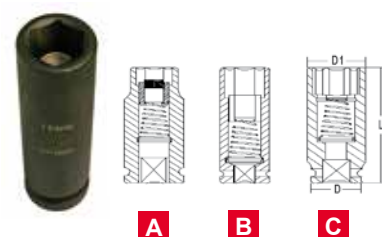
1/2" Deep

MODEL	OUTPUT SIZE		SHAPE	DIMENSIONS						PART NO.
				D		D1		L		
	mm	in		mm	in	mm	in	mm	in	
S408MD	8	0.31	A	22.1	0.87	14.5	0.57	78.0	3.07	894 016 399 8
S409MD	9	0.35	A	22.1	0.87	15.5	0.61	78.0	3.07	894 016 399 9
S410MD	10	0.39	A	22.1	0.87	16.8	0.66	78.0	3.07	894 016 400 0
S411MD	11	0.43	A	22.1	0.87	18.0	0.71	78.0	3.07	894 016 400 1
S412MD	12	0.47	A	22.1	0.87	19.0	0.75	78.0	3.07	894 016 400 2
S413MD	13	0.51	A	23.9	0.94	20.3	0.8	78.0	3.07	894 016 400 3
S414MD	14	0.55	A	23.9	0.94	21.6	0.85	78.0	3.07	894 016 400 4
S415MD	15	0.59	B	23.9	0.94	23.9	0.94	78.0	3.07	894 016 400 5
S416MD	16	0.63	B	24.9	0.98	24.9	0.98	78.0	3.07	894 016 400 6
S417MD	17	0.67	B	25.9	1.02	25.9	1.02	78.0	3.07	894 016 400 7
S418MD	18	0.71	B	25.9	1.02	25.9	1.02	78.0	3.07	894 016 400 8
S419MD	19	0.75	B	27.9	1.1	27.9	1.1	78.0	3.07	894 016 400 9
S420MD	20	0.79	B	30.0	1.18	30.0	1.18	78.0	3.07	894 016 772 2
S421MD	21	0.83	B	30.0	1.18	30.0	1.18	78.0	3.07	894 016 401 0
S422MD	22	0.87	B	32.0	1.26	32.0	1.26	78.0	3.07	894 016 772 3
S423MD	23	0.91	B	32.0	1.26	32.0	1.26	78.0	3.07	894 016 772 4
S424MD	24	0.94	B	34.0	1.34	34.0	1.34	78.0	3.07	894 016 772 5
S425MD	25	0.98	B	36.1	1.42	36.1	1.42	78.0	3.07	894 016 772 6
S426MD	26	1.02	B	36.1	1.42	36.1	1.42	78.0	3.07	894 016 401 1
S427MD	27	1.06	B	38.1	1.5	38.1	1.5	78.0	3.07	894 016 401 2
S428MD	28	1.1	B	39.9	1.57	39.9	1.57	78.0	3.07	894 016 401 3
S429MD	29	1.14	B	39.9	1.57	39.9	1.57	78.0	3.07	894 016 401 4
S430MD	30	1.18	C	38.1	1.5	41.9	1.65	78.0	3.07	894 016 401 5
S431MD	31	1.22	C	38.1	1.5	43.9	1.73	78.0	3.07	894 016 401 6
S432MD	32	1.26	C	38.1	1.5	43.9	1.73	78.0	3.07	894 016 401 7
S433MD	33	1.3	C	38.1	1.5	45.0	1.77	78.0	3.07	894 016 401 8
S434MD	34	1.34	C	38.1	1.5	46.0	1.81	78.0	3.07	894 016 401 9
S435MD	35	1.38	C	38.1	1.5	50.0	1.97	78.0	3.07	894 016 402 0
S436MD	36	1.42	C	38.1	1.5	50.0	1.97	78.0	3.07	894 016 402 1



1/2" Magnetic

MODEL	OUTPUT SIZE		SHAPE	DIMENSIONS						PART NO.
				D		D1		L		
	mm	in		mm	in	mm	in	mm	in	
S416MG	16	0.63	A	29.9	1.18	24.0	0.96	38.1	1.5	894 016 409 9
S417MG	17	0.67	A	29.9	1.18	25.9	1.02	38.1	1.5	894 016 410 0
S419MG	19	0.75	A	29.9	1.18	27.9	1.1	38.1	1.5	894 016 410 2
S421MG	21	0.83	B	29.9	1.18	29.9	1.18	38.1	1.5	894 016 410 4

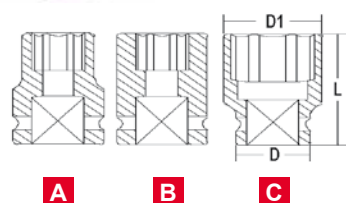


1/2" Deep Magnetic

MODEL	OUTPUT SIZE		SHAPE	DIMENSIONS						PART NO.
	mm	in		D		D1		L		
S414MDG	14	0.55	A	24.90	98.21	60.85	78	3.07	894 016 412 0	
S416MDG	16	0.63	B	24.90	98.24	90.98	78	3.07	894 016 412 2	
S419MDG	19	0.75	C	24.90	98.27	9.11	78	3.07	894 016 412 5	

3/4" = 19mm Square Drive Sockets

3/4" Standard

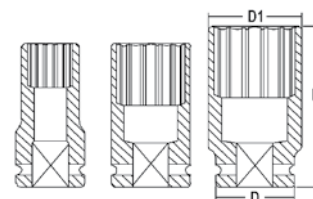


MODEL	OUTPUT SIZE		SHAPE	DIMENSIONS						PART NO.
				D		D1		L		
	mm	in		mm	in	mm	in	mm	in	
S620M	20	0.79	A	38.1	1.5	31.0	1.22	52.1	2.05	894 016 418 1
S622M	22	0.87	A	38.1	1.5	34.0	1.34	52.1	2.05	894 016 418 3
S623M	23	0.91	A	38.1	1.5	35.0	1.38	52.1	2.05	894 016 418 4
S624M	24	0.94	A	38.1	1.5	36.0	1.42	52.1	2.05	894 016 418 5
S625M	25	0.98	B	38.1	1.5	38.1	1.5	52.1	2.05	894 016 418 6
S626M	26	1.02	B	39.8	1.57	39.9	1.57	52.1	2.05	894 016 418 7
S627M	27	1.06	B	39.8	1.57	39.9	1.57	52.1	2.05	894 016 418 8
S628M	28	1.1	B	41.9	1.65	41.9	1.65	52.1	2.05	894 016 418 9
S629M	29	1.14	B	41.9	1.65	41.9	1.65	52.1	2.05	894 016 419 0
S630M	30	1.18	B	43.9	1.73	43.9	1.73	52.1	2.05	894 016 419 1
S631M	31	1.22	B	43.9	1.73	43.9	1.73	55.9	2.2	894 016 419 2
S632M	32	1.26	B	43.9	1.73	43.9	1.73	55.9	2.2	894 016 419 3
S633M	33	1.3	C	43.9	1.73	47.0	1.85	55.9	2.2	894 016 419 4
S634M	34	1.34	C	43.9	1.73	48	1.89	55.9	2.2	894 016 419 5
S635M	35	1.38	C	43.9	1.73	50.0	1.97	55.9	2.2	894 016 419 6
S636M	36	1.42	C	43.9	1.73	51.0	2.01	55.9	2.2	894 016 419 7
S637M	37	1.46	C	43.9	1.73	52.1	2.05	55.9	2.2	894 016 419 8
S638M	38	1.5	C	43.9	1.73	53.1	2.09	55.9	2.2	894 016 419 9
S640M	40	1.57	C	43.9	1.73	55.9	2.2	62.0	2.44	894 016 420 0
S641M	41	1.61	C	43.9	1.73	57.9	2.28	62.0	2.44	894 016 420 1
S642M	42	1.65	C	43.9	1.73	61.0	2.4	62.0	2.44	894 016 420 2
S643M	43	1.69	C	43.9	1.73	63.0	2.48	63.0	2.48	894 016 420 3
S644M	44	1.73	C	43.9	1.73	65.0	2.56	63.0	2.48	894 016 420 4
S646M	46	1.81	C	43.9	1.73	67.0	2.64	63.0	2.48	894 016 420 5
S650M	50	1.97	C	54.1	2.13	71.1	2.8	71.9	2.83	894 016 420 6

Sockets and adaptors range

3/4" Deep

MODEL	OUTPUT SIZE		SHAPE	DIMENSIONS						PART NO.
				D		D1		L		
	mm	in		mm	in	mm	in	mm	in	
S619MD	19	0.75	A	38.1	1.5	30.0	1.18	85.1	3.35	894 016 424 8
S620MD	20	0.79	A	38.1	1.5	31.0	1.22	85.1	3.35	894 016 424 9
S621MD	21	0.83	A	38.1	1.5	32.0	1.26	85.1	3.35	894 016 425 0
S622MD	22	0.87	A	38.1	1.5	34.0	1.34	85.1	3.35	894 016 425 1
S623MD	23	0.91	A	38.1	1.5	35.0	1.38	85.1	3.35	894 016 425 2
S624MD	24	0.94	A	38.1	1.5	36.0	1.42	85.1	3.35	894 016 425 3
S625MD	25	0.98	B	38.1	1.5	38.1	1.5	85.1	3.35	894 016 425 4
S626MD	26	1.02	B	39.9	1.57	39.9	1.57	85.1	3.35	894 016 425 5
S627MD	27	1.06	B	39.9	1.57	39.9	1.57	85.1	3.35	894 016 425 6
S628MD	28	1.1	B	41.9	1.65	41.9	1.65	85.1	3.35	894 016 425 7
S629MD	29	1.14	B	41.9	1.65	41.9	1.65	85.1	3.35	894 016 425 8
S630MD	30	1.18	B	43.9	1.73	43.9	1.73	85.1	3.35	894 016 425 9
S631MD	31	1.22	B	43.9	1.73	43.9	1.73	85.1	3.35	894 016 426 0
S632MD	32	1.26	B	43.9	1.73	43.9	1.73	85.1	3.35	894 016 426 1
S633MD	33	1.3	C	43.9	1.73	47.0	1.85	85.1	3.35	894 016 426 2
S634MD	34	1.34	C	43.9	1.73	48.0	1.89	85.1	3.35	894 016 426 3
S635MD	35	1.38	C	43.9	1.73	50.0	1.97	85.1	3.35	894 016 426 4
S636MD	36	1.42	C	43.9	1.73	51.0	2.01	85.1	3.35	894 016 426 5
S638MD	38	1.5	C	43.9	1.73	53.1	2.09	85.1	3.35	894 016 426 7
S640MD	40	1.57	C	43.9	1.73	55.9	2.2	85.1	3.35	894 016 426 8
S641MD	41	1.61	C	43.9	1.73	57.9	2.28	85.1	3.35	894 016 426 9
S642MD	42	1.65	C	43.9	1.73	60.1	2.4	85.1	3.35	894 016 427 0
S643MD	43	1.69	C	43.9	1.73	63.0	2.48	95.0	3.74	894 016 427 1
S644MD	44	1.73	C	43.9	1.73	65.0	2.56	95.0	3.74	894 016 427 2
S646MD	46	1.81	C	43.9	1.73	67.1	2.64	95.0	3.74	894 016 427 3
S650MD	50	1.97	C	54.1	2.13	71.1	2.8	95.0	3.74	894 016 427 4



A

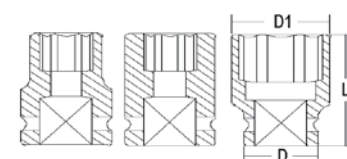
B

C

1" = 25.4mm Square Drive Sockets

1" Standard

MODEL	OUTPUT SIZE		SHAPE	DIMENSIONS						PART NO.
				D		D1		L		
	mm	in		mm	in	mm	in	mm	in	
S819M	19	0.75	A	51.0	2.01	36.1	1.42	57.9	2.28	894 016 432 3
S821M	21	0.83	A	51.0	2.01	38.1	1.5	57.9	2.28	894 016 432 4
S822M	22	0.87	A	51.0	2.01	39.1	1.54	57.9	2.28	894 016 432 5
S823M	23	0.91	A	51.0	2.01	39.9	1.57	57.9	2.28	894 016 432 6
S824M	24	0.94	A	51.0	2.01	39.9	1.57	57.9	2.28	894 016 432 7
S825M	25	0.98	A	51.0	2.01	40.9	1.61	57.9	2.28	894 016 432 8
S826M	26	1.02	A	51.0	2.01	42.4	1.67	57.9	2.28	894 016 432 9
S827M	27	1.06	A	51.0	2.01	43.9	1.73	57.9	2.28	894 016 433 0
S828M	28	1.1	A	51.0	2.01	45.0	1.77	57.9	2.28	894 016 433 1
S829M	29	1.14	A	51.0	2.01	46.0	1.81	59.9	2.36	894 016 433 2
S830M	30	1.18	A	51.0	2.01	48.0	1.89	59.9	2.36	894 016 433 3
S832M	32	1.26	B	51.0	2.01	51.0	2.01	59.9	2.36	894 016 433 4
S833M	33	1.3	C	52.1	2.05	53.1	2.09	62.0	2.44	894 016 433 5
S835M	35	1.38	C	52.1	2.05	54.1	2.13	62.0	2.44	894 016 433 6
S836M	36	1.42	C	52.1	2.05	55.9	2.2	62.0	2.44	894 016 433 7
S838M	38	1.5	C	52.1	2.05	57.9	2.28	62.0	2.44	894 016 433 8
S840M	40	1.57	C	52.1	2.05	59.9	2.36	62.0	2.44	894 016 433 9
S841M	41	1.61	C	52.1	2.05	61.5	2.42	62.0	2.44	894 016 434 0
S842M	42	1.65	C	52.0	2.05	63.0	2.48	64.0	2.52	894 016 434 1
S843M	43	1.69	C	52.0	2.05	64.8	2.55	64.0	2.52	894 016 434 2
S844M	44	1.73	C	57.9	2.28	65.8	2.59	64.0	2.52	894 016 434 3
S845M	45	1.77	C	57.9	2.28	66.8	2.63	64.0	2.52	894 016 434 4
S846M	46	1.81	C	57.9	2.28	68.1	2.68	64.0	2.52	894 016 434 5
S850M	50	1.97	C	57.9	2.28	72.9	2.87	70.1	2.76	894 016 434 6



A

B

C

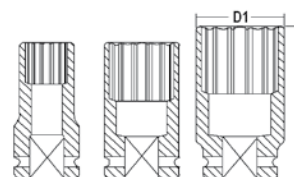
Sockets and adaptors range

1" Standard

MODEL	OUTPUT SIZE		SHAPE	D		D1		L		PART NO.
	mm	in		mm	in	mm	in	mm	in	
S852M	52	2.05	C	57.9	2.28	74.9	2.95	70.1	2.76	894 016 434 7
S854M	54	2.13	C	57.9	2.28	78.0	3.07	70.1	2.76	894 016 434 8
S855M	55	2.17	C	62.0	2.44	79.0	3.11	71.9	2.83	894 016 434 9
S856M	56	2.2	C	61.2	2.44	80.0	3.15	73.9	2.91	894 016 435 0
S858M	58	2.28	C	61.0	2.44	85.1	3.35	74.9	2.95	894 016 435 1
S860M	60	2.36	C	61.0	2.44	87.1	3.43	78.0	3.07	894 016 435 2
S865M	65	2.56	C	61.0	2.44	93.0	3.66	80.0	3.15	894 016 435 3
S870M	70	2.76	C	62.0	2.44	98.0	3.86	85.1	3.35	894 016 435 4

1" Deep

MODEL	OUTPUT SIZE		SHAPE	D		D1		L		PART NO.
	mm	in		mm	in	mm	in	mm	in	
S819MD	19	0.75	A	51.0	2.01	36.1	1.42	89.9	3.54	894 016 440 3
S821MD	21	0.83	A	51.0	2.01	38.1	1.5	89.9	3.54	894 016 440 4
S822MD	22	0.87	A	51.0	2.01	39.1	1.54	89.9	3.54	894 016 440 5
S823MD	23	0.91	A	51.0	2.01	39.9	1.57	89.9	3.54	894 016 440 6
S824MD	24	0.94	A	51.0	2.01	39.9	1.57	89.9	3.54	894 016 440 7
S825MD	25	0.98	A	51.0	2.01	40.9	1.61	89.9	3.54	894 016 440 8
S826MD	26	1.02	A	51.0	2.01	42.4	1.67	89.9	3.54	894 016 440 9
S827MD	27	1.06	A	51.0	2.01	43.9	1.73	89.9	3.54	894 016 441 0
S828MD	28	1.1	A	51.0	2.01	45.0	1.77	89.9	3.54	894 016 441 1
S829MD	29	1.14	A	51.0	2.01	46.0	1.81	89.9	3.54	894 016 441 2
S830MD	30	1.18	A	51.0	2.01	48.0	1.89	89.9	3.54	894 016 441 3
S832MD	32	1.26	B	51.0	2.01	51.0	2.01	89.9	3.54	894 016 441 4
S833MD	33	1.3	C	52.1	2.05	53.1	2.09	89.9	3.54	894 016 441 5
S834MD	34	1.34	C	52.1	2.05	54.1	2.13	89.9	3.54	894 016 441 6
S835MD	35	1.38	C	52.1	2.05	54.1	2.13	89.9	3.54	894 016 441 7
S836MD	36	1.42	C	52.1	2.05	55.9	2.2	89.9	3.54	894 016 441 8
S838MD	38	1.5	C	52.1	2.05	57.9	2.28	91.9	3.62	894 016 441 9
S840MD	40	1.57	C	52.1	2.05	59.9	2.36	91.9	3.62	894 016 442 0
S841MD	41	1.61	C	52.1	2.05	61.5	2.42	91.9	3.62	894 016 442 1
S842MD	42	1.65	C	52.1	2.05	63.0	2.48	91.9	3.62	894 016 442 2
S843MD	43	1.69	C	52.1	2.05	65.0	2.56	91.9	3.62	894 016 442 3
S844MD	44	1.73	C	57.9	2.28	66.0	2.6	91.9	3.62	894 016 442 4
S845MD	45	1.77	C	57.9	2.28	67.0	2.64	91.9	3.62	894 016 442 5
S846MD	46	1.81	C	57.9	2.28	68.0	2.68	91.9	3.62	894 016 442 6
S850MD	50	1.97	C	57.9	2.28	72.9	2.87	95.0	3.74	894 016 442 7
S852MD	52	2.05	C	57.9	2.28	74.9	2.95	95.0	3.74	894 016 442 8
S854MD	54	2.13	C	57.9	2.28	78.0	3.07	95.0	3.74	894 016 442 9
S855MD	55	2.17	C	62.0	2.44	79.0	3.11	100.1	3.94	894 016 443 0
S856MD	56	2.2	C	62.0	2.44	80.0	3.15	100.1	3.94	894 016 443 1
S858MD	58	2.28	C	62.0	2.44	85.1	3.35	104.9	4.13	894 016 443 2
S860MD	60	2.36	C	62.0	2.44	87.1	3.43	104.9	4.13	894 016 443 3
S865MD	65	2.56	C	62.0	2.44	93.0	3.66	119.9	4.72	894 016 443 4
S870MD	70	2.76	C	62.0	2.44	98.0	3.86	123.9	4.88	894 016 443 5
S831D*	1-15/16"		C	57.9	2.28	71.9	2.83	91.9	3.62	894 016 437 4
S832D*	2"		C	57.9	2.28	73.9	2.91	95.0	3.74	894 016 437 5
S833D*	2-1/16"		C	57.9	2.28	74.9	2.95	95.0	3.74	894 016 437 6
S834D*	2-1/8"		C	57.9	2.28	78.0	3.07	95.0	3.74	894 016 437 7
S835D*	2-3/16"		C	62.0	2.44	80.0	3.15	100.1	3.94	894 016 437 8
S836D*	2-1/4"		C	62.0	2.44	84.1	3.31	100.1	3.94	894 016 437 9
S837D*	2-5/16"		C	62.0	2.44	86.1	3.39	104.9	4.13	894 016 438 0
S838D*	2-3/8"		C	62.0	2.44	87.1	3.43	104.9	4.13	894 016 438 1
S839D*	2-7/16"		C	62.0	2.44	88.9	3.5	110.0	4.33	894 016 438 2
S840D*	2-1/2"		C	62.0	2.44	90.9	3.58	110.0	4.33	894 016 438 3
S841D*	2-9/16"		C	62.0	2.44	93.0	3.66	119.9	4.72	894 016 438 4
S843D*	2-11/16"		C	62.0	2.44	97.0	3.82	123.9	4.88	894 016 438 6
S844D*	2-3/4"		C	62.0	2.44	98.0	3.86	123.9	4.88	894 016 438 7
S845D*	2-13/16"		C	62.0	2.44	100.1	3.94	128.0	5.04	894 016 438 8
S846D*	2-7/8"		C	62.0	2.44	102.1	4.02	128.0	5.04	894 016 438 9
S847D*	2-15/16"		C	86.1	3.39	103.9	4.09	134.9	5.31	894 016 439 0
S848D*	3"		C	86.1	3.39	105.9	4.17	134.9	5.31	894 016 439 1



A

B

C

Sockets and adaptors range

O-Ring & Retaining Pins

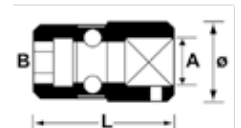


A		ØB		PART NO.
mm	in	mm	in	O-Ring
19.05	3/4	31.7	1 1/4	C-155467
19.05	3/4	36.5	1 4/9	C-155468
19.05	3/4	41.3	1 5/8	C-134690
19.05	3/4	44.4	1 3/4	C-134691
19.05	3/4	50.8	2	C-155585
25.4	1	44.4	1 3/4	C-155470
25.4	1	50.8	2	C-155471
25.4	1	54.0	2 1/8	C-155472
25.4	1	57.1	2 1/4	C-134692
25.4	1	63.5	2 1/2	C-155473
38.1	1 1/2	73.0	2 7/8	C-134693
38.1	1 1/2	85.7	3 3/8	C-134694
38.1	1 1/2	98.4	3 7/8	C-134695
38.1	1 1/2	111.1	4 3/8	C-134696

Bit Adaptors

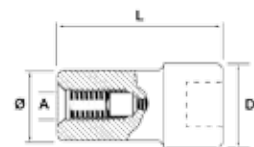
A	B	L		Ø MAX		RETENTION	PART NO.
		mm	in	mm	in		
3/8"	Hex 1/4" (D6.3)*	32	1.26	16	0.63	Ball retention	21792
3/8"	Hex 1/4" (F6.3)**	46	1.81	22	0.87	Q/R	108052
1/2"	Hex 1/4" (D6.3)*	45	1.77	22	0.87	Q/R	615 812 306 0

*Insert **Direct



Stud Runners

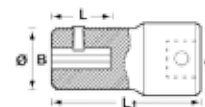
A	B	L		Ø		D		PART NO.
		mm	in	mm	in	mm	in	
3/8"	M5 x 80	50	2	15	0.59	19	0.75	615 811 727 0
3/8"	M6 x 100	50	2	15	0.59	19	0.75	615 811 728 0
3/8"	M8 x 125	50	2	17	0.67	19	0.75	615 811 729 0
3/8"	M10 x 150	50	2	19	0.75	24	0.94	615 811 730 0
1/2"	M6 x 100	55	2.2	22	0.87	24	0.94	615 811 731 0
1/2"	M8 x 125	55	2.2	24	0.94	24	0.94	615 811 732 0
1/2"	M10 x 125	55	2.2	24	0.94	24	0.94	615 811 733 0
1/2"	M10 x 150	55	2.2	24	0.94	24	0.94	615 811 734 0
1/2"	M12 x 175	55	2.2	24	0.94	24	0.94	615 811 735 0
1/2"	M14 x 150	55	2.2	24	0.94	24	0.94	615 811 736 0
1/2"	M14 x 200	55	2.2	24	0.94	24	0.94	615 811 737 0
1/2"	M16 x 200	55	2.2	24	0.94	24	0.94	615 811 738 0



Sockets and adaptors range

Bit Adaptors - Positive Retention

A	B	L		Ø MAX		L1		PART NO.
		mm	in	mm	in	mm	in	
3/8"	Hex 1/4"	14	0.55	14	0.55	38	1.5	615 812 206 0



Extension Bars

A	B	L		ØD		PART NO.
		mm	in	mm	in	
3/8"	3/8"	45	1.77	19	0.75	894 016 598 5
3/8"	3/8"	75	2.95	19	0.75	894 016 598 6
3/8"	3/8"	150	5.91	19	0.75	894 016 598 7
1/2"	1/2"	75	2.95	30	1.18	894 016 599 4
1/2"	1/2"	127	5	30	1.18	894 016 599 5
1/2"	1/2"	178	7.01	30	1.18	894 016 599 6
1/2"	1/2"	254	10	30	1.18	894 016 599 7
3/4"	3/4"	75	2.95	44	1.73	894 016 600 4
3/4"	3/4"	175	6.89	44	1.73	894 016 600 5
3/4"	3/4"	254	10	44	1.73	894 016 600 6
3/4"	3/4"	330	12.99	44	1.73	894 016 600 7
1"	1"	178	7.01	54	2.13	894 016 601 2
1"	1"	254	10	54	2.13	894 016 601 3
1"	1"	330	12.99	54	2.13	894 016 601 4



Adaptors

A	B	L		Ø		PART NO.
		mm	in	mm	in	
1/4"	3/8"	13	0.51	26	1.02	894 016 597 8
3/8"	1/4"	22	0.87	32	1.26	894 016 598 3
3/8"	1/2"	22	0.87	32	1.26	894 016 598 4
1/2"	3/8"	25	0.98	38	1.5	894 016 599 2
1/2"	3/4"	30	1.18	48	1.89	894 016 599 3
3/4"	1/2"	44	1.73	56	2.2	894 016 600 1
3/4"	1"	44	1.73	63	2.48	894 016 600 2
1"	3/4"	54	2.13	75	2.95	894 016 600 9



Universal Joints

A	B	L		Ø		PART NO.
		mm	in	mm	in	
1/4"	1/4"	44	1.73	20	0.79	894 016 598 2
3/8"	3/8"	51	2.01	27	1.06	894 016 598 9
1/2"	1/2"	63	2.48	34	1.34	894 016 599 8
3/4"	3/4"	90	3.54	49.2	1.94	894 016 600 8
1"	1"	114	4.49	59.2	2.33	894 016 601 5



Quick Change Adapters

A	B	L		ØD		PART NO.
		mm	in	mm	in	
3/8"	3/8"	75	2.95	19	0.75	615 811 589 0
1/2"	1/2"	100	3.94	25	0.98	615 811 590 0
3/4"	3/4"	125	4.92	44	1.73	615 811 591 0
3/8"	1/2"	80	3.15	20	0.79	615 811 592 0
1/2"	3/8"	75	2.95	25	0.98	615 811 593 0
3/4"	1/2"	125	4.92	44	1.73	615 811 595 0



Sleeve drive socket - Pulse tools*

For Desoutter PTF models and all Japanese pulse tools

Drive 3/8"

OUTPUT SIZE				DIMENSIONS						PART NO.
		D2		D1		L2		L		
mm	in	mm	in	mm	in	mm	in	mm	in	
8	0.31	19	0.75	13	0.51	7	0.28	43	1.69	615 811 777 0
10	0.39	19	0.75	16	0.63	7	0.28	43	1.69	615 811 778 0
11	0.43	19	0.75	17.5	0.69	8	0.31	43	1.69	615 811 779 0
12	0.47	19	0.75	18.5	0.73	9	0.35	43	1.69	615 811 780 0
13	0.51	22	0.87	20	0.79	9	0.35	43	1.69	615 811 781 0
14	0.55	22	0.87	21	0.83	9	0.35	43	1.69	615 811 782 0
17	0.67	22	0.87	25	0.98	12	0.47	43	1.69	615 811 783 0
18	0.71	22	0.87	26	1.02	12	0.47	43	1.69	615 811 784 0
19	0.75	22	0.87	27	1.06	12	0.47	43	1.69	615 811 785 0

*Not suitable for Desoutter PT models



Drive 1/2"

OUTPUT SIZE		DIMENSIONS								PART NO.
A		D2		D1		L2		L		
mm	in	mm	in	mm	in	mm	in	mm	in	
12	0.47	25	0.98	20	0.79	12	0.47	52	2.05	615 811 788 0
13	0.51	25	0.98	21	0.83	12	0.47	52	2.05	615 811 789 0
14	0.55	25	0.98	22.5	0.89	12	0.47	52	2.05	615 811 790 0
15	0.59	30	1.18	23.5	0.93	12	0.47	52	2.05	615 811 791 0
16	0.63	30	1.18	25	0.98	12	0.47	52	2.05	615 811 792 0
17	0.67	30	1.18	26	1.02	13	0.51	52	2.05	615 811 793 0
18	0.71	30	1.18	27.5	1.08	13	0.51	52	2.05	615 811 794 0
19	0.75	30	1.18	28.5	1.12	13	0.51	52	2.05	615 811 795 0
21	0.83	30	1.18	31	1.22	14	0.55	52	2.05	615 811 797 0
22	0.87	30	1.18	32	1.26	14	0.55	52	2.05	615 811 798 0
23	0.91	30	1.18	34	1.34	14	0.55	52	2.05	615 811 799 0
24	0.94	30	1.18	35	1.38	15	0.59	52	2.05	615 811 800 0
25	0.98	30	1.18	36	1.42	15	0.59	57	2.24	615 811 801 0
27	1.06	30	1.18	38.5	1.52	17	0.67	57	2.24	615 811 803 0
30	1.18	30	1.18	42	1.65	18	0.71	57	2.24	615 811 806 0
32	1.26	30	1.18	44	1.73	20	0.79	62	2.44	615 811 807 0



3/8" Hexagonal Drives

OUTPUT SIZE		DIMENSIONS						PART NO.
A		D2		L1		L		
mm	in	mm	in	mm	in	mm	in	
4	0.16	22	0.87	11	0.43	75	2.95	615 811 824 0
5	0.20	22	0.87	11	0.43	75	2.95	615 811 825 0
6	0.24	22	0.87	11	0.43	75	2.95	615 811 826 0
8	0.31	22	0.87	16	0.63	75	2.95	615 811 827 0
10	0.39	22	0.87	16	0.63	75	2.95	615 811 828 0



1/2" Hexagonal Drives

OUTPUT SIZE		DIMENSIONS						PART NO.
A		D2		L1		L		
mm	in	mm	in	mm	in	mm	in	
6	0.24	25	0.98	15	0.59	75	2.95	615 811 829 0
8	0.31	25	0.98	25	0.98	75	2.95	615 811 830 0
10	0.39	25	0.98	25	0.98	75	2.95	615 811 831 0
17	0.67	25	0.98	25	0.98	75	2.95	615 811 833 0
19	0.75	25	0.98	25	0.98	75	2.95	615 811 834 0



Sleeve drive socket - Pulse tools*

For Desoutter PTF models and all Japanese pulse tools

Internal Torx

DRIVE A	OUTPUT SIZE TORX B	DIMENSIONS						PART NO.
		D2		L1		L		
		mm	in	mm	in	mm	in	
3/8"	T20	22	0.87	2.8	0.11	75	2.95	615 811 841 0
3/8"	T25	22	0.87	3	0.12	75	2.95	615 811 842 0
3/8"	T30	22	0.87	3.8	0.15	75	2.95	615 811 843 0
3/8"	T40	22	0.87	3.8	0.15	75	2.95	615 811 844 0
1/2"	T40	25	0.98	3.8	0.15	75	2.95	615 811 845 0



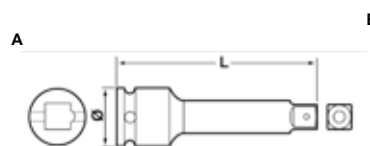
External Torx

DRIVE A	OUTPUT B	DIMENSIONS								PART NO.
		D2		D1		L2		L		
		mm	in	mm	in	mm	in	mm	in	
3/8"	E8	19	0.75	11	0.43	6.5	0.26	43	1.69	615 811 846 0
3/8"	E10	19	0.75	13	0.51	7.5	0.30	43	1.69	615 811 847 0
3/8"	E12	19	0.75	15.5	0.61	8.5	0.33	43	1.69	615 811 848 0
3/8"	E14	22	0.87	17.5	0.69	10	0.39	43	1.69	615 811 849 0
1/2"	E10	25	0.98	14	0.55	7.5	0.30	52	2.05	615 811 8500
1/2"	E12	25	0.98	16	0.63	8.5	0.33	52	2.05	615 811 851 0
1/2"	E14	25	0.98	18	0.71	10	0.39	52	2.05	615 811 852 0
1/2"	E16	25	0.98	20	0.79	11	0.43	52	2.05	615 811 853 0
1/2"	E18	25	0.98	22	0.87	12.5	0.49	52	2.05	615 811 854 0
3/4"	E18	44	1.73	26	1.02	12.5	0.49	65	2.56	615 811 855 0
3/4"	E20	44	1.73	28	1.10	14	0.55	65	2.56	615 811 856 0
3/4"	E22	44	1.73	31	1.22	15	0.59	65	2.56	615 811 857 0
3/4"	E24	44	1.73	33	1.30	16.5	0.65	65	2.56	615 811 858 0



Extension Bars

DRIVE A	OUTPUT B	DIMENSIONS				PART NO.
		D2		L		
		mm	in	mm	in	
3/8"	3/8	22	0.87	75	2.95	615 811 859 0
3/8"	3/8	22	0.87	125	4.92	615 811 861 0
3/8"	3/8	22	0.87	250	9.84	615 811 864 0
1/2"	1/2	-	-	75	2.95	615 811 865 0
1/2"	1/2	-	-	125	4.92	615 811 867 0
1/2"	1/2	-	-	175	6.89	615 811 869 0
1/2"	1/2	25	0.98	250	9.84	615 811 871 0
3/4"	3/4	44	1.73	175	6.89	615 811 872 0
3/4"	3/4	44	1.73	250	9.84	615 811 873 0
3/4"	3/4	44	1.73	330	12.99	615 811 874 0

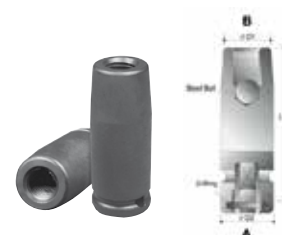


Sleeve drive socket - Pulse tools*

For Desoutter PTF models and all Japanese pulse tools

Stud setter sockets

DRIVE A	OUTPUT B	D2		D1		L		PART NO.
		mm	in	mm	in	mm	in	
3/8"	M6 x P1	22	0.87	12.5	0.49	50	1.97	615 811 876 0
3/8"	M8 x P1.25	22	0.87	14.5	0.57	50	1.97	615 811 877 0
3/8"	M10 x P1.5	22	0.87	17	0.67	50	1.97	615 811 878 0
1/2"	M6 x P1	25	0.98	13	0.51	75	2.95	615 811 879 0
1/2"	M8 x P1.25	25	0.98	15	0.59	75	2.95	615 811 880 0
1/2"	M10 x P1.5	25	0.98	17	0.67	75	2.95	615 811 881 0
1/2"	M12 x P1.75	25	0.98	19	0.75	75	2.95	615 811 882 0
1/2"	M14 X P2	25	0.98	22	0.87	75	2.95	615 811 883 0
1/2"	M16 x P2	30	1.18	27	1.06	75	2.95	615 811 884 0



Bit adaptors

DRIVE A	OUTPUT B	D2		L		PART NO.
		mm	in	mm	in	
3/8"	1/4	22	0.87	52	2.05	615 811 885 0
1/2"	1/4	25	0.98	60	2.36	615 811 887 0

*Not suitable for Desoutter PT models



Safety Instructions

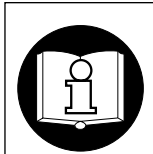
General Safety Instructions for the Operation of Power Tools

The goal of Desoutter is to produce tools that help the operator work safely and efficiently.

The most important safety device for this or any other tool is the operator. Care and good judgement are the best protection against injury.

All possible hazards cannot be covered here, but we have tried to highlight some of the important ones.

Individuals should look for and obey Caution, Warning and Danger signs placed on tools and displayed in the workplace. Operators should read and follow safety instructions packed with each tool. For a copy of these instructions, contact your local Desoutter representative.



WARNING

To reduce risk of injury everyone using, installing, repairing, maintaining, changing accessories on, or working near this tool must read and understand the safety instructions before performing any such task.

Learn how each tool works. Even if you have previously used similar tools, carefully check out each tool before you use it. Get the 'feel' of it and know its capabilities, limitations, potential hazards, how it operates and how it stops.

All tools are designed to operate at a line pressure of 6.3 bar +/- 0.15bar in accordance with ISO2787, 8NTC1.2.

Sound levels +/- 3dB(A)* are measured in accordance with EN ISO15744. Vibration values* are measured in accordance with ISO8662 & ISO28927.

*These declared values were obtained by laboratory type testing in accordance with the stated standards and are suitable for comparison with the declared values of other tools tested in accordance with the same standards. These declared values are not adequate for use in risk assessments and values measured in individual work places may be higher. The actual exposure values and risk of harm experienced by an individual user are unique and depend upon the way the user works, the workpiece and the workstation design, as well upon the exposure time and the physical condition of the user.

We, Desoutter, cannot be held liable for the consequences of using the declared values, instead of values reflecting the actual exposure, in an individual risk assessment in a work place situation over which we have no control.

Tools are CE marked to comply with European Machinery Directive.

Specifications subject to change without prior notice.

Further occupational health and safety information can be obtained from the following web sites:

<http://www.osha.gov> (USA) <http://europe.osha.eu.int> (Europe).



COMPRESSED AIR HAZARDS

- Air under pressure can cause injury. Never point an air hose at yourself or anyone else. Never blow your clothes free of dust with compressed air. Always direct exhaust air away from yourself and others in the work area.
- Always check for damaged or loose hoses and fittings before using an air tool, and replace if necessary. Whipping hoses can cause serious injury.
- Disconnect the tool from the air supply when not in use, before changing accessories, setting the torque, or when making repairs.
- Do not exceed rated air pressure to increase the output of the tool. This could cause injury and shorten tool life.
- Do not assemble quick coupler on the tool. Vibration can cause breakage resulting in a whipping air hose. Instead, use quick couplers on the end of a short leader hose.
- When universal twist couplings are used, lock pins must be installed to prevent accidental hose disconnection.
- Air tools are not intended for use in explosive atmospheres and are not insulated for contact with electric power sources.



ELECTRICAL HAZARDS

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adaptor plugs with earthed (grounded) power tools and equipment. Unmodified plugs and matching outlets will reduce risk of electric shock.
- Avoid body contact with earthed or grounded metal surfaces. There is an increased risk of electric shock if your body is earthed or grounded.
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- Do not expose electric power tools and equipment to wet conditions.
- Do not operate power tools in explosive atmospheres. Power tools create sparks which may ignite dust, fumes or flammable liquids.
- Have electric power tools and equipment serviced by a qualified repair person using only identical replacement parts.



PROJECTILE HAZARDS

- Always wear impact resistant eye and face protection when involved with or near the operation or repair of tools.



BREATHING HAZARDS

- Proper breathing protection must be worn when working with materials, which produce airborne particles.



NOISE HAZARDS

- Hearing loss can result from prolonged exposure to excessive sound levels.
- Use hearing protection as recommended by your employer or Occupational Health and Safety Regulations.



VIBRATION HAZARDS

- Repetitive work motions, awkward positions, and exposure to vibration may be harmful to your hands and arms.
- If numbness, tingling, pain or whitening of the skin occurs, stop using tool and consult a physician.



ENTANGLEMENT HAZARDS

- To reduce the risk of injury from entanglement, do not wear loose clothing when using rotating accessories.



ADDITIONAL HAZARDS

- Slip/Trip/Fall is a major cause of serious injury or death. Beware of excessive hose/cord left on the walking or work surface.
- Operators and maintenance personnel must be physically fit to perform job tasks, and handle the bulk, weight and power of the tool.
- Deburring tools should be used to reduce the risk of cuts and abrasions due to burrs.
- Wear gloves to protect hands from sharp edges.

Safety Instructions

Specific Safety Instructions for Power Tool Groups

In addition to the General Safety Instructions, the following are safety instructions and warnings that apply to the safe operation of specific power tool groups.



COMPRESSION TOOLS

- To reduce the risk of injury always keep hands and fingers away from yoke and moving jaws, sets or dies. If possible, hold the tool body with both hands.
- Inspect the yoke daily for cracks. Injury may result if a cracked yoke fails during use.
- All yokes have a life limitation based on cycles and riveting force. This tool and its accessories must not be modified.



DRILLS & TAPPERS

- Keep away from rotating bit and chuck. You can become cut or burned if you come into contact with the drill bit or tap, chips/swarf, or work surface.
- Use intermittent drill feed pressure to avoid long shaved chips/swarf.
- The drill bit or tap can suddenly bind and cause the workpiece or tool to rotate, causing arm and shoulder injuries.
- It is recommended that side handles are used for operator comfort and safety on high torque drilling applications above 4Nm (3 lbft) on straight case tools and 10Nm (7.4 lbft) on pistol grip drills. Drills with a chuck capacity larger than 10mm (3/8») should always be used with a side handle.



PERCUSSIVE TOOLS

(Riveting Hammers, Air Scribe)

- All chisels, rivet sets and other associated accessories should be checked for cracks, excessive wear, or other physical damage before each use. Accessories that show signs of damage should be replaced immediately.
- Never use a tool without the proper accessory retainer.



PULSE TOOLS

- Never use hand sockets or accessories. Use only impact sockets and accessories in good condition. Sockets in poor condition reduce impact power and could also shatter, resulting in personal injury.
- When using a universal joint, never operate the tool off the work. It may run too fast and cause the joint to be thrown from the tool.
- Always use the simplest hook up possible. Long springy extension bars and adaptors absorb impact power and could break loose resulting in personal injury. Instead, use deep sockets wherever possible.
- For tools using the pin and o-ring socket retainer, use the o-ring to securely retain the socket pin or use a one-piece retainer ring to retain the socket.
- Serious injury can result from overtorqued or under-torqued fasteners, which can break, or loosen and separate. Released assemblies can become projectiles. Assemblies requiring a specific torque must be checked using a torque meter.

NOTE: So-called 'click' torque wrenches do not check for potentially dangerous over-torqued conditions.



ANGLE WRENCHES

- Never use hand sockets or accessories. Use only power drive sockets and accessories.
- To reduce the risk of injury, always support the handle securely in the direction opposite of the spindle rotation to minimize torque reaction.



ACCESSORIES

- Always use accessories of correct size and design for the tool. Tool and accessories must not be modified in any way.
- Never use a tool without the proper accessory retainer.
- Do not use a tool or attachment for a purpose not intended by the manufacturer.



OTHER TOOLS

(e.g. Screwdrivers, Shears, Saws, etc.)

- Specific instructions/warnings affecting this group of tools are contained in product-specific documents accompanying each product.



ABRASIVE TOOLS

- Before grinding, test grinding wheel by briefly running tool at full throttle. Be sure to use a barrier (such as under a heavy work table) to protect yourself from possible broken wheel parts.
- Never mount a grinding wheel on a sander.
- Never use a grinding wheel rated at a speed lower than the air grinder speed.
- All grinding wheels and polishing/sanding accessories should be checked for cracks or other damage before mounting and use.
- Always use the recommended wheel guard to prevent injury when performing grinding operations. If a guard has withstood wheel or disk breakage, it must be replaced.
- Position a guard between the grinding wheel or disc and the operator.
- Use barriers to protect others from fragments and grinding sparks.
- Make sure grinding wheels are mounted according to manufacturer's specifications: always use correct mounting flanges.
- Never tamper with or remove a speed governor from a tool to make it run faster. Periodically check tool speed with a tachometer.

For complete safety instructions, please see the documentation provided with each tool.

All values are current as of the date of this publication. For the latest information please visit www.desouttertools.com

VIBRATION LEVEL (3 AXES VALUE) ISO 28927		NOISE LEVEL	SOUND LEVEL
A m/s ²	K m/s ²	ISO 15744 dB(A)	
3	22	77	
<2.5		76	
<2.5		64	
<2.5		64	
<2.5		64	
<2.5		64	
<2.5		64	
<2.5		76	
<2.5		76	
<2.5		90	
<2.5		90	
<2.5		90	
<2.5		90	
<2.5		90	
<2.5		90	
<2.5		96	
<2.5		96	
<2.5		90	
<2.5		90	
<2.5		96	
<2.5		96	
<2.5		90	
<2.5		90	
<2.5		90	
<2.5		90	
<2.5		96	
<2.5		96	
<2.5		96	
<2.5		90	
<2.5		90	
<2.5		96	
<2.5		96	
<2.5		90	
<2.5		96	
4	1.6	98	109
18.9	9.1	94	
13.9	5.7	94	
28.8	10.2	96	
14.3	4.7	96	
12.6	4.5	92	
10.0	4.8	92	
10.2	5.4	94	
10.1	4.2	94	
12.0	6.5	95	
14.5	6.5	95	
11.1	4.7	95	
7.4	3.2	94	
<2.5		76	
11	3.8	76	

[illegible]

Index (Model search)

Vibration level (m/s²) - Noise level (dB(A))

All values are current as of the date of this publication. For the latest information please visit www.desouttertools.com

MODEL	PART NO.	PAGE	VIBRATION LEVEL (3 AXES VALUE) ISO 28927		NOISE LEVEL dB(A)	SOUND LEVEL dB(A)
			A m/s ²	K m/s ²		
DR300-T2000-QR	615 176 068 0	186	<2.5		75	
DR300-T2000-S5-30		188	<2.5		75	
DR300-T2000-S5-360		188	<2.5		75	
DR300-T2000-S5-45		188	<2.5		75	
DR300-T2000-S5-90		188	<2.5		75	
DR300-T2000-S6-360		189	<2.5		75	
DR300-T2000-T5-30	615 176 073 0	188	<2.5		75	
DR300-T2000-T5-360	615 176 085 0	188	<2.5		75	
DR300-T2000-T5-45	615 176 092 0	188	<2.5		75	
DR300-T2000-T5-90	615 176 079 0	188	<2.5		75	
DR300-T2000-T6-360	615 176 106 0	189	<2.5		75	
DR300-T2000-T6-90	615 176 099 0	189	<2.5		75	
DR300-T2000-THD-90	615 176 111 0	189	<2.5		75	
DR300-T3000-QR	205 147 525 4	198	<2.5		75	
DR300-T3000-S5-30	615 176 075 0	188	<2.5		75	
DR300-T3000-S5-360	615 176 087 0	188	<2.5		75	
DR300-T3000-S5-45	615 176 094 0	188	<2.5		75	
DR300-T3000-S5-90	615 176 081 0	188	<2.5		75	
DR300-T3000-S6-360	615 176 108 0	189	<2.5		75	
DR300-T3000-S6-90	615 176 101 0	189	<2.5		75	
DR300-T3000-T5-30	615 176 074 0	188	<2.5		75	
DR300-T3000-T5-360	615 176 085 0	188	<2.5		75	
DR300-T3000-T5-45	615 176 093 0	188	<2.5		75	
DR300-T3000-T5-90	615 176 080 0	188	<2.5		75	
DR300-T3000-T6-360	615 176 107 0	189	<2.5		75	
DR300-T3000-T6-90	615 176 100 0	189	<2.5		75	
DR300-T4500	205 147 489 4	194	<2.5		75	
DR300-T4500-C8	205 147 490 4	194	<2.5		75	
DR300-T4500-QR	615 176 070 0	186	<2.5		75	
DR300-T4500-S5-30		188	<2.5		75	
DR300-T4500-S5-360		188	<2.5		75	
DR300-T4500-S5-45		188	<2.5		75	
DR300-T4500-S5-90		188	<2.5		75	
DR300-T4500-S6-360		189	<2.5		75	
DR300-T4500-S6-90		189	<2.5		75	
DR300-T4500-T5-30	615 176 076 0	188	<2.5		75	
DR300-T4500-T5-45	615 176 095 0	188	<2.5		75	
DR300-T4500-T5-360	615 176 088 0	188	<2.5		75	
DR300-T4500-T5-90	615 176 082 0	188	2.6	1.4	75	
DR300-T4500-T6-360	615 176 109 0	189	<2.5		75	
DR300-T4500-T6-90	615 176 102 0	189	<2.5		75	
DR300-T550	205 147 477 4	194	<2.5		75	
DR300-T5500	205 147 492 4	194	<2.5		75	
DR300-T5500-C8	205 147 493 4	194	<2.5		75	
DR300-T5500-QR	615 176 071 0	186	<2.5		75	
DR300-T5500-S5-30		188	<2.5		75	
DR300-T5500-S5-360		188	<2.5		75	
DR300-T5500-S5-45		188	<2.5		75	
DR300-T5500-S5-90		188	2.6	1.4	75	
DR300-T5500-S6-360		189	<2.5		75	
DR300-T5500-S6-90		189	<2.5		75	
DR300-T5500-T5-30	615 176 077 0	188	<2.5		75	
DR300-T5500-T5-360	615 176 089 0	188	<2.5		75	
DR300-T5500-T5-45	615 176 096 0	188	<2.5		75	
DR300-T5500-T5-90	615 176 083 0	188	<2.5		75	
DR300-T5500-T6-360	615 176 110 0	189	<2.5		75	
DR300-T5500-T6-90	615 176 103 0	189	<2.5		77	
DR300-T550-C10	205 147 478 4	194	<2.5		77	
DR300-T550-QR	615 176 066 0	186	<2.5		77	
DR300-T550-S5-45		188	<2.5		77	
DR300-T550-S6-360		189	<2.5		75	
DR300-T550-S6-90		189	<2.5		75	
DR300-T550-T5-45	615 176 090 0	188	<2.5		75	
DR300-T550-T6-360	615 176 104 0	189	<2.5		77	
DR300-T550-T6-90	205 147 583 4	189	<2.5		77	
DR300-T900-THD-90	615 176 112 0	189	<2.5		75	
DR350-P1000	205 147 355 4	192	<2.5		77	
DR350-P1000-C10	205 147 244 4	192	<2.5		77	
DR350-P1000-QR	205 147 981 4	198	<2.5		75	
DR350-P2000	205 147 356 4	192	<2.5		77	
DR350-P20000	205 147 359 4	192	<2.5		75	
DR350-P20000-C8	205 147 252 4	192	<2.5		75	
DR350-P2000-C8	205 147 246 4	192	<2.5		75	
DR350-P3000	205 147 357 4	192	<2.5		75	
DR350-P3000-C8	205 147 248 4	192	<2.5		75	
DR350-P3000-QR	205 147 528 4	186	<2.5		75	
DR350-P4500	205 147 384 4	192	<2.5		75	
DR350-P4500-C8	205 147 382 4	192	<2.5		75	
DR350-P550	205 147 354 4	192	<2.5		75	
DR350-P5500	205 147 358 4	192	<2.5		75	
DR350-P5500-C8	205 147 250 4	192	<2.5		75	

MODEL	PART NO.	PAGE	VIBRATION LEVEL (3 AXES VALUE) ISO 28927		NOISE LEVEL dB(A)	SOUND LEVEL dB(A)
			A m/s ²	K m/s ²		
DR350-P5500-QR	205 147 984 4	186	<2.5		75	
DR350-P550-C10	205 147 242 4	192	<2.5		75	
DR500-P1000	205 147 660 4	192	<2.5		75	
DR500-P1000-C10	205 147 658 4	192	<2.5		75	
DR500-P1400	205 147 663 4	192	<2.5		75	
DR500-P1400-C10	205 147 661 4	192	<2.5		75	
DR500-P1800	205 147 666 4	192	<2.5		75	
DR500-P1800-C10	205 147 664 4	192	<2.5		75	
DR500-P18500	205 147 678 4	192	<2.5		75	
DR500-P18500-C8	205 147 676 4	192	<2.5		75	
DR500-P2700	205 147 669 4	192	2.6	1.6	75	
DR500-P2700-C8	205 147 667 4	192	2.6	1.6	75	
DR500-P400	205 147 654 4	192	<2.5		75	
DR500-P400-C13	205 147 652 4	192	<2.5		75	
DR500-P4300	205 147 672 4	192	<2.5		75	
DR500-P4300-C8	205 147 670 4	192	<2.5		75	
DR500-P5800	205 147 675 4	192	<2.5		75	
DR500-P5800-C8	205 147 673 4	192	<2.5		75	
DR500-P600	205 147 657 4	192	<2.5		75	
DR500-P600-C13	205 147 655 4	192	<2.5		75	
DR750-P1300	205 147 415 4	192	<2.5		81	
DR750-P1300-C10	1465084	192	<2.5		81	
DR750-P1300-JT1	205 146 662 4	192	<2.5		81	
DR750-P20000	205 147 458 4	192	<2.5		81	
DR750-P20000-C8	205 146 659 4	192	<2.5		81	
DR750-P20000-JT1	205 146 667 4	192	<2.5		81	
DR750-P2700	205 147 416 4	192	<2.5		81	
DR750-P2700-C10	1465094	192	<2.5		81	
DR750-P2700-JT1	205 146 663 4	192	<2.5		81	
DR750-P3300	205 147 455 4	192	<2.5		81	
DR750-P3300-C10	1465104	192	<2.5		81	
DR750-P3300-JT1	205 146 664 4	192	<2.5		81	
DR750-P400	205 147 451 4	192	<2.5		81	
DR750-P400-C13	205 146 658 4	192	<2.5		81	
DR750-P400-JT1	205 146 660 4	192	<2.5		81	
DR750-P4100	205 147 456 4	192	<2.5		81	
DR750-P4100-C8	1465114	192	<2.5		81	
DR750-P6000	205 147 417 4	192	<2.5		81	
DR750-P6000-C8	1465124	192	<2.5		81	
DR750-P6000-JT1	205 146 666 4	192	<2.5		81	
DR750-P750	205 147 452 4	192	<2.5		81	
DR750-P750-C13	1465074	192	<2.5		81	
DR750-P750-JT1	205 146 661 4	192	<2.5		81	
Dust Extraction systems		247				
DWTA 150	615 165 761 0	126				
DWTA 30	615 165 760 0	126				
DWTA 400	615 165 762 0	126				
DWTA Vision 800-A	615 165 788 0	130				
EAB 15-900	615 165 731 0	23	<2.5		<70	
EAB 26-560	615 165 732 0	23	<2.5		<70	
EAB 32-410	615 165 733 0	23	<2.5		<70	
EAB 45-330	615 165 734 0	23	<2.5		<70	
EAB 50-450	615 165 735 0	23	<2.5		<70	
EAB 60-370	615 165 736 0	23	<2.5		<70	
EAB 75-300	615 165 737 0	23	<2.5		<70	
EAB 95-240	615 165 738 0	23	<2.5		<70	
EABA 15-900	615 165 961 0	23	<2.5		<70	
EABA 26-560	615 165 962 0	23	<2.5		<70	
EABA 32-410	615 165 963 0	23	<2.5		<70	
EABA 45-330	615 165 964 0	23	<2.5		<70	
EABA 50-450	615 165 965 0	23	<2.5		<70	
EABA 60-370	615 165 966 0	23	<2.5		<70	
EABA 75-300	615 165 967 0	23	<2.5		<70	
EABA 95-240	615 165 968 0	23	<2.5		<70	
EABC 15-900	615 165 050 0	38	<2.5		<70	
EABC 26-560	615 165 051 0	38	<2.5		<70	
EABC 32-410	615 165 052 0	38	<2.5		<70	
EABC 45-330	615 165 053 0	38	<2.5		<70	
EABC 50-450	615 165 054 0	38	<2.5		<70	
EABC 60-370	615 165 055 0	38	<2.5		<70	
EABC 75-300	615 165 056 0	38	<2.5		<70	
EABC 95-240	615 165 057 0	38	<2.5		<70	
EAD105-500	615 165 613 0	33	<2.5		<70	
EAD160-430	615 165 681 0	33	<2.5		<70	
EAD200-370	615 165 682 0	33	<2.5		<70	
EAD20-1300	615 165 606 0	33	<2.5		<70	
EAD280-260	615 165 683 0	33	<2.5		<70	
EAD280-370	615 165 684 0	33	<2.5		<70	
EAD32-900	615 165 607 0	33	<2.5		<70	
EAD440-250	615 165 685 0	33	<2.5		<70	
EAD50-900	615 165 609 0	33	<2.5		<70	

Index (Model search)

Vibration level (m/s²) - Noise level (dB(A))

All values are current as of the date of this publication. For the latest information please visit www.desouttertools.com

MODEL	PART NO.	PAGE	VIBRATION LEVEL		NOISE	SOUND
			(3 AXES VALUE) ISO 28927		LEVEL	LEVEL
			A m/s ²	K m/s ²	ISO 15744 dB(A)	ISO 15744 dB(A)
EAD660-160	615 165 686 0	33	<2.5		<70	
EAD70-800	615 165 611 0	33	<2.5		<70	
EAD80-650	615 165 612 0	33	<2.5		<70	
ECA115	615 165 106 0	78	<2.5		<70	
ECA125	615 165 188 0	78	<2.5		<70	
ECA15	615 165 192 0	78	<2.5		<70	
ECA150	615 165 189 0	78	<2.5		<70	
ECA20	615 165 100 0	78	<2.5		<70	
ECA200	615 165 190 0	78	<2.5		<70	
ECA30	615 165 101 0	78	<2.5		<70	
ECA40	615 165 102 0	78	<2.5		<70	
ECA60	615 165 103 0	78	<2.5		<70	
ECA70	615 165 104 0	78	<2.5		<70	
ECA90	615 165 105 0	78	<2.5		<70	
ECD120	615 165 097 0	79	<2.5		<70	
ECD20	615 165 093 0	79	<2.5		<70	
ECD30	615 165 094 0	79	<2.5		<70	
ECD5	615 165 068 0	79	<2.5		<70	
ECD50	615 165 095 0	79	<2.5		<70	
ECD70	615 165 096 0	79	<2.5		<70	
ECP100-R	615 165 523 0	76	<2.5		<70	
ECP10L	615 165 201 0	77	<2.5		<70	
ECP10LT	615 165 233 0	77	<2.5		<70	
ECP1500	615 165 524 0	78	<2.5		<70	
ECP190	615 165 399 0	78	<2.5		<70	
ECP190-R	615 165 451 0	78	<2.5		<70	
ECP20L	615 165 202 0	77	<2.5		<70	
ECP20LT	615 165 234 0	77	<2.5		<70	
ECP20S	615 165 203 0	77	<2.5		<70	
ECP2100	615 165 525 0	78	<2.5		<70	
ECP3000	615 165 526 0	78	<2.5		<70	
ECP30S	615 165 204 0	77	<2.5		<70	
ECP3L	615 165 199 0	77	<2.5		<70	
ECP3LT	615 165 231 0	77	<2.5		<70	
ECP4000	615 165 527 0	78	<2.5		<70	
ECP40S	615 165 262 0	77	<2.5		<70	
ECP550	615 165 400 0	78	<2.5		<70	
ECP550-R	615 165 452 0	78	<2.5		<70	
ECP5L	615 165 200 0	77	<2.5		<70	
ECP5LT	615 165 232 0	77	<2.5		<70	
ECP5LT	615 165 232 0	77	<2.5		<70	
ECP950	615 165 401 0	78	<2.5		<70	
ECP950-R	615 165 453 0	78	<2.5		<70	
ECS06	615 165 442 0	74	<2.5		<70	
ECS06-M20	615 165 454 0	74	<2.5		<70	
ECS10	615 165 444 0	74	<2.5		<70	
ECS10	615 165 458 0	74	<2.5		<70	
ECS16	615 165 459 0	74	<2.5		<70	
ECS16-M20	615 165 460 0	74	<2.5		<70	
ECS2	615 165 443 0	74	<2.5		<70	
ECS2-M20	615 165 455 0	74	<2.5		<70	
ECS4	615 165 445 0	74	<2.5		<70	
ECS4-M20	615 165 456 0	74	<2.5		<70	
ECS7	615 165 446 0	74	<2.5		<70	
ECS7-M20	615 165 457 0	74	<2.5		<70	
ECSA10	615 165 449 0	74	<2.5		<70	
ECSA2	615 165 447 0	74	<2.5		<70	
ECSA7	615 165 448 0	74	<2.5		<70	
ECSF06	615 165 501 0	80	<2.5		<70	
ECSF10	615 165 505 0	80	<2.5		<70	
ECSF16	615 165 506 0	80	<2.5		<70	
ECSF2	615 165 502 0	80	<2.5		<70	
ECSF4	615 165 503 0	80	<2.5		<70	
ECSF7	615 165 504 0	80	<2.5		<70	
EFDA107-450	615 165 862 0	44	<2.5		<70	
EFDA40-55	615 165 858 0	44	<2.5		<70	
EFDA51-110		44	<2.5		<70	
EFDA63-190	615 165 860 0	44	<2.5		<70	
EFDA76-300		44	<2.5		<70	
EFDE43-15	615 165 865 0	42	<2.5		<70	
EFDE43-30	615 165 866 0	42	<2.5		<70	
EFDE43-45	615 165 867 0	42	<2.5		<70	
EFDE43-8	615 165 864 0	42	<2.5		<70	
EFDE51-135	615 165 869 0	42	<2.5		<70	
EFDE51-70	615 165 868 0	42	<2.5		<70	
EFDE60-175	615 165 871 0	42	<2.5		<70	
EFDE60-260	615 165 872 0	42	<2.5		<70	
EFDE60-95	615 165 870 0	42	<2.5		<70	
EFDS43-15	615 165 908 0	42	<2.5		<70	
EFDS43-30	615 165 909 0	42	<2.5		<70	

MODEL	PART NO.	PAGE	VIBRATION LEVEL		NOISE LEVEL	SOUND LEVEL
			(3 AXES VALUE) ISO 28927			
			A m/s ²	K m/s ²	ISO 15744 dB(A)	ISO 15744 dB(A)
EFDS43-45	615 165 910 0	42	<2.5		<70	
EFDS43-8	615 165 907 0	42	<2.5		<70	
EFDS51-135	615 165 912 0	42	<2.5		<70	
EFDS51-70	615 165 911 0	42	<2.5		<70	
EFDS60-175	615 165 914 0	42	<2.5		<70	
EFDS60-250	615 165 915 0	42	<2.5		<70	
EFDS60-95	615 165 913 0	42	<2.5		<70	
EFDS80-330	615 165 033 0	42				
EFDS80-450	615 165 034 0	42				
EFDS80-680	615 165 035 0	42				
EFDS80-950	615 165 036 0	42				
EFDS106-1100	615 165 037 0	42				
EFDS106-1600	615 165 038 0	42				
EFDS106-1900	615 165 039 0	42				
EID120-660	615 165 677 0	34	<2.5		<70	
EID170-670	615 165 678 0	34	<2.5		<70	
EID20-1200-4Q	615 165 992 0	34	<2.5		<70	
EID20-900-OE12-L31-H14-W38	615 165 835 0	34				
EID25-1200	615 165 614 0	34	<2.5		<70	
EID270-410	615 165 679 0	34	<2.5		<70	
EID28-677-CE13-L45-H15-W30	615 165 837 0	34				
EID32-680-OE14-L34-H18-W40	615 165 836 0	34				
EID32-900	615 165 615 0	34	<2.5		<70	
EID44-1200	615 165 616 0	34	<2.5		<70	
EID65-900	615 165 617 0	34	<2.5		<70	
EID75-800	615 165 618 0	34	<2.5		<70	
ELB 12-600-P	615 165 418 0	19	<2.5		<70	
ELB 2.5-1250-P	615 165 415 0	19	<2.5		<70	
ELB 6-670-P	615 165 440 0	19	<2.5		<70	
ELB 6-900-P	615 165 416 0	19	<2.5		<70	
ELB 8-670-P	615 165 417 0	19	<2.5		<70	
ELC 12-600-P-Z	615 165 704 0	19	<2.5		<70	
ELC 15-480-A-Z	615 165 708 0	19	<2.5		<70	
ELC 30-300-A-Z	615 165 709 0	19	<2.5		<70	
ELC 45-180-A-Z	615 165 710 0	19	<2.5		<70	
ELC 6-1000-P-Z	615 165 701 0	19	<2.5		<70	
ELC 7-360-A-Z	615 165 726 0	19	<2.5		<70	
ELC 7-880-A-Z	615 165 707 0	19	<2.5		<70	
ELC 8-400-P-Z	615 165 702 0	19	<2.5		<70	
ELC 8-800-P-Z	615 165 703 0	19	<2.5		<70	
ELRT025-P4600-10S	615 165 838 0	61	<2.5		<70	
ELRT025-P4600-4Q	615 165 890 0	61	<2.5		<70	
ELRT025T-10S-5	615 165 040 0	61				
ELRT025T-10S-1	615 165 047 0	61				
ELRT025-4Q-5	615 165 041 0	61				
ELRT025-4Q-1	615 165 048 0	61				
ELRT025-P4900-10S	615 165 022 0	61				
ELRT045T-10S-5	615 165 042 0	61				
ELRT045T-10S-1	615 165 049 0	61				
ELS 12-400-P4S	615 165 826 0	19	<2.5		<70	
ELS 12-600-P	615 165 422 0	19	<2.5		<70	
ELS 15-480-A	615 165 629 0	19	<2.5		<70	
ELS 15-480-A4S	615 165 839 0	19	<2.5		<70	
ELS 2.5-1550-P	615 165 419 0	19	<2.5		<70	
ELS 30-300-A	615 165 630 0	19	<2.5		<70	
ELS 45-180-A	615 165 631 0	19	<2.5		<70	
ELS 6-1000-P	615 165 420 0	19	<2.5		<70	
ELS 7-360-A4S	615 165 725 0	19	<2.5		<70	
ELS 7-880-A	615 165 628 0	19	<2.5		<70	
ELS 8-400-P	615 165 605 0	19	<2.5		<70	
ELS 8-400-P4S	615 165 825 0	19	<2.5		<70	
ELS 8-800-P	615 165 421 0	19	<2.5		<70	
EME106-10J	615 165 437 0	65	<2.5		<70	
EME106-20J	615 165 438 0	65	<2.5		<70	
EME24-20 OF	615 165 512 0	65	<2.5		<70	
EME24-20 OF	615 165 512 0	65	<2.5		<70	
EME26-50 OF	615 165 513 0	65	<2.5		<70	
EME26-58 OF	615 165 513 0	65	<2.5		<70	
EME30-80 OF	615 165 514 0	65	<2.5		<70	
EME35-10J	615 165 423 0	65	<2.5		<70	
EME35-20J	615 165 424 0	65	<2.5		<70	
EME36-140 OF	615 165 515 0	65	<2.5		<70	
EME38-10J	615 165 425 0	65	<2.5		<70	
EME38-20J	615 165 426 0	65	<2.5		<70	
EME40-180 OF	615 165 516 0	65	<2.5		<70	
EME44-350 OF	615 165 602 0	65	<2.5		<70	
EME51-10J	615 165 427 0	65	<2.5		<70	
EME51-20J 6	615 165 428 0	65	<2.5		<70	
EME60-10J	615 165 429 0	65	<2.5		<70	
EME60-20J	615 165 430 0	65	<2.5		<70	
EME60-30J	615 165 431 0	65	<2.5		<70	



Index (Model search)

Vibration level (m/s²) - Noise level (dB(A))

All values are current as of the date of this publication. For the latest information please visit www.desouttertools.com

MODEL	PART NO.	PAGE	VIBRATION LEVEL (3 AXES VALUE) ISO 28927		NOISE LEVEL	SOUND LEVEL
			A m/s ²	K m/s ²		ISO 15744 dB(A)
EME80-10J	615 165 432 0	65	<2.5		<70	
EME80-20J	615 165 433 0	65	<2.5		<70	
EME80-30J	615 165 434 0	65	<2.5		<70	
EME80-40J	615 165 435 0	65	<2.5		<70	
EME80-50J	615 165 436 0	65	<2.5		<70	
EMEL38-20J	615 165 517 0	65	<2.5		<70	
EMEL51-20J	615 165 518 0	65	<2.5		<70	
EMEL60-20J	615 165 519 0	65	<2.5		<70	
EMEL60-30J	615 165 520 0	65	<2.5		<70	
EMEL80-40J	615 165 521 0	65	<2.5		<70	
EPB 17-700-10S	615 165 901 0	22	<2.5		<70	
EPB 17-700-4Q	615 165 905 0	22	<2.5		<70	
EPB 8-1800-10S	615 165 903 0	22	<2.5		<70	
EPB 8-1800-4Q	615 165 899 0	22	<2.5		<70	
EPBA 17-700-10S	615 165 975 0	22	<2.5		<70	
EPBA 17-700-4Q	615 165 976 0	22	<2.5		<70	
EPBA 8-1800-10S	615 165 971 0	22	<2.5		<70	
EPBA 8-1800-4Q	615 165 972 0	22	<2.5		<70	
EPBC 14-900-10S	615 165 979 0	37	<2.5		<70	
EPBC 14-900-4Q	615 165 980 0	37	<2.5		<70	
EPBC 17-700-10S	615 165 902 0	37	<2.5		<70	
EPBC 17-700-4Q	615 165 906 0	37	<2.5		<70	
EPBC 8-1800-10S	615 165 904 0	37	<2.5		<70	
EPBC 8-1800-4Q	615 165 900 0	37	<2.5		<70	
ERAL1.5-15	615 165 356 0	62	<2.5		<70	
ERAL1.5-25	615 165 357 0	62	<2.5		<70	
ERAL2.30	615 165 362 0	62	<2.5		<70	
ERAL2.40	615 165 363 0	62	<2.5		<70	
ERAL2-60	615 165 364 0	62	<2.5		<70	
ERAL2-80	615 165 365 0	62	<2.5		<70	
ERAL2-80 SQ1/2	615 165 406 0	62	<2.5		<70	
ERAL4-110	615 165 385 0	62	<2.5		<70	
ERAL4-120	615 165 386 0	62	<2.5		<70	
ERAL4-140	615 165 387 0	62	<2.5		<70	
ERAL4-170	615 165 388 0	62	<2.5		<70	
ERAL4-225	615 165 389 0	62	<2.5		<70	
ERAL4-90	615 165 384 0	62	<2.5		<70	
ERAL6-135	615 165 390 0	62	<2.5		<70	
ERAL6-170	615 165 441 0	62	<2.5		<70	
ERAL6-280	615 165 391 0	62	<2.5		<70	
ERAL6-350	615 165 392 0	62	<2.5		<70	
ERAL6-480	615 165 393 0	62	<2.5		<70	
ERD5J	615 165 060 0	62	<2.5		<70	
ERDL1.5-12	615 165 366 0	62	<2.5		<70	
ERDL1.5-20	615 165 367 0	62	<2.5		<70	
ERDL1.5-30	615 165 368 0	62	<2.5		<70	
ERDL2-40	615 165 369 0	62	<2.5		<70	
ERDL2-50	615 165 370 0	62	<2.5		<70	
ERDL4-135	615 165 395 0	62	<2.5		<70	
ERDL4-60	615 165 407 0	62	<2.5		<70	
ERDL4-80	615 165 394 0	62	<2.5		<70	
ERDL6-170	615 165 396 0	62	<2.5		<70	
ERDL6-220	615 165 397 0	62	<2.5		<70	
ERDL6-250	615 165 398 0	62	<2.5		<70	
ERP1000	615 165 886 0	55	<2.5		<75	
ERP10L	615 165 195 0	62	<2.5		<70	
ERP10LT	615 165 229 0	62	<2.5		<70	
ERP1700	615 165 887 0	55	<2.5		<75	
ERP20L	615 165 196 0	62	<2.5		<70	
ERP20LT	615 165 230 0	62	<2.5		<70	
ERP20S	615 165 197 0	62	<2.5		<70	
ERP250	615 165 883 0	55	<2.5		<75	
ERP30S	615 165 198 0	62	<2.5		<70	
ERP3L	615 165 193 0	62	<2.5		<70	
ERP3LT	615 165 227 0	62	<2.5		<70	
ERP40S	615 165 283 0	62	<2.5		<70	
ERP500	615 165 884 0	55	<2.5		<75	
ERP5LT	615 165 228 0	62	<2.5		<70	
ERP750	615 165 885 0	55	<2.5		<75	
ERS12	615 165 690 0	56	<2.5		<70	
ERS12-M20	615 165 693 0	56	<2.5		<70	
ERS2	615 165 688 0	56	<2.5		<70	
ERS2-M20	615 165 691 0	56	<2.5		<70	
ERS6	615 165 689 0	56	<2.5		<70	
ERS6-M20	615 165 692 0	56	<2.5		<70	
ERSA12	615 165 699 0	56	<2.5		<70	
ERSA2	615 165 697 0	56	<2.5		<70	
ERSA27	615 165 917 0	56	<2.5		<70	
ERSA6	615 165 698 0	56	<2.5		<70	
ERSF12	615 165 696 0	56	<2.5		<70	
ERSF2	615 165 694 0	56	<2.5		<70	

MODEL	PART NO.	PAGE	VIBRATION LEVEL (3 AXES VALUE) ISO 28927		NOISE LEVEL	SOUND LEVEL
			A m/s ²	K m/s ²		ISO 15744 dB(A)
ERSF6	615 165 695 0	56	<2.5		<70	
ERXS20	615 165 874 0	56	<2.5		<70	
ERXS50	615 165 874 0	56	<2.5		<70	
ERXS80	615 165 874 0	56	<2.5		<70	
ESP C 110 V	615 165 484 0	90	<2.5		<70	
ESP C 220 V	615 165 480 0	90	<2.5		<70	
ESP C LT 110 V	615 165 485 0	90	<2.5		<70	
ESP C LT 220 V	615 165 481 0	90	<2.5		<70	
ESP CA 110V	615 165 486 0	90	<2.5		<70	
ESP CA 220V	615 165 482 0	90	<2.5		<70	
ESP CA LT 110V	615 165 487 0	90	<2.5		<70	
ESP CA LT 220V	615 165 483 0	90	<2.5		<70	
ESP1	615 932 635 0	87	<2.5		<70	
ESP1-A	615 932 662 0	87	<2.5		<70	
ESP1-HT	615 932 637 0	87	<2.5		<70	
ESP1-HT PLUS	615 932 707 0	87	<2.5		<70	
H410-N-150	1302534	111	<2.5		82	
H410-N-350	1302454	111	<2.5		82	
H410-N-500	1302374	111	<2.5		82	
H410-N-60	1302794	111	<2.5		82	
H410-N-90	1302614	111	<2.5		82	
K1120B3CWY	615 170 171 0	223	<2.5		90	
K1180-9	615 170 246 0	215	<2.5		95	101
K145B6	615 170 002 0	223	<2.5		75	
K160B6	615 170 003 0	223	<2.5		77	
K160B6Y	615 170 173 0	223	<2.5		77	
K190B3CW	615 170 005 0	223	<2.5		82	
K190B3CWY	615 170 172 0	223	<2.5		82	
K190B4	615 170 004 0	223	<2.5		82	
K320-7	615 170 033 0	213	<2.5		75	
K320-9	615 170 142 0	213	2.4	1.2	75	
K325-7	615 170 034 0	213	4.3		74	
K325-9	615 170 141 0	217	2.8	1.2	74	
K331-7	615 170 035 0	213	2.5		80	
K331-9	615 170 140 0	217	2.2	0.9	80	
K340-7	615 170 036 0	213	<2.5		78	
K340-9	615 170 139 0	217	4.3	2.1	78	
K345B8	615 170 009 0	223	<2.5		82	
K345B8Y	615 170 178 0	223	<2.5		82	
K360B6	615 170 010 0	223	<2.5		82	
K360B6Y	615 170 177 0	223	<2.5		82	
K360B9	615 170 521 0	223	<2.5		76	
K615-7	615 170 104 0	215	<2.5		76	
K615-9	615 170 155 0	215	<2.5	1.3	76	
K619-7	615 170 105 0	215	<2.5		76	
K619-9	615 170 153 0	215	<2.5		76	
K624-7	615 170 106 0	215	2.6	1.5	81	
K624-9	615 170 151 0	215	<2.5		81	
K628-7	615 170 107 0	215	<2.5		85	
K628-9	615 170 150 0	215	2.5	1.3	85	
K912-300-7	615 170 108 0	215	3.6	1.3	74	
K912-300-9	615 170 169 0	215	3.0	1.3	74	
K912-500-7	615 170 109 0	215	3.3	1.7	74	
K912-500-9	615 170 170 0	215	3.0	1.4	74	
K912-7	615 170 110 0	215	<2.5		76	
K912-9	615 170 157 0	215	<2.5		76	
K912C3	615 170 111 0	221	<2.5		81	
K912C4	615 170 112 0	221	<2.5		78	
K912D3	615 170 113 0	221	<2.5		77	
K915-7	615 170 114 0	215	<2.5		81	
K915-9	615 170 156 0	215	<2.5		81	
K915C25	615 170 115 0	221	<2.5		77	
K915C3	615 170 116 0	221	2.7	1.1	78	
K918-7	615 170 117 0	215	<2.5		80	
K918-9	615 170 154 0	215	<2.5		80	
K918C3	615 170 118 0	221	5.3	3.1	77	
K922-7	615 170 119 0	215	<2.5		81	
K922-9	615 170 152 0	221	<2.5		81	
KA16060A	615 170 449 0	241	3.3	1.6	77	
KA16060B	615 170 453 0	241	3.3	1.6	77	
KA16060BY	615 170 451 0	241	3.3	1.6	76	
KA16075A	615 170 448 0	241	3.3	1.6	80	
KA16075B	615 170 452 0	241	3.3	1.6	79	
KA16075BY	615 170 450 0	241	3.3	1.6	78	
KA16085A	615 170 468 0	241	3.4	1.7	80	
KA16085B	615 170 469 0	241	3.4	1.7	80	
KA16100B6FVK	615 170 470 0	231	5.2	1.5	82	
KA16120-9	615 170 443 0	215	5.0	3.1	82	
KA16120A	615 170 435 0	241	2.9	1.5	85	
KA16120A45	615 170 455 0	227	7.8	4.6	82	
KA16120A45VK	615 170 456 0	227	4.7	1.1	79	

Index (Model search)

Vibration level (m/s²) - Noise level (dB(A))

All values are current as of the date of this publication. For the latest information please visit www.desouttertools.com

MODEL	PART NO.	PAGE
KA16120A5	615 170 437 0	229
KA16120A5VK	615 170 438 0	229
KA16120B	615 170 445 0	241
KA16120B45	615 170 457 0	227
KA16120B45VK	615 170 458 0	227
KA16120B5	615 170 439 0	229
KA16120B5VK	615 170 454 0	229
KA16120BY	615 170 447 0	241
KA16120H5	615 170 444 0	229
KA16120H5K	615 170 434 0	229
KA16135C4FK	615 170 441 0	227
KA16135C4S	615 170 446 0	241
KA26060BY	615 170 481 0	245
KA26065B9V	615 170 477 0	245
KA26065BV	615 170 480 0	255
KA26065H9V	615 170 490 0	245
KA26077B7Y	615 170 478 0	243
KA26077BY	615 170 482 0	255
KA26085B7V	615 170 476 0	243
KA26085BV	615 170 479 0	255
KA26085H7V	615 170 489 0	243
KA3.135-7	615 170 515 0	213
KA3.21-7	615 170 517 0	247
KA3.36-7	615 170 516 0	247
KA3.36A	615 170 518 0	247
KA309-9	615 170 266 0	215
KA309C	615 170 203 0	247
KA309G	615 170 204 0	247
KA312-7	615 170 037 0	213
KA312-9	615 170 149 0	215
KA312-9FE	615 170 205 0	215
KA312E7	615 170 039 0	213
KA312E9	615 170 147 0	215
KA312EG	615 170 040 0	245
KA312G	615 170 038 0	247
KA313C4	615 170 049 0	223
KA313EC4	615 170 050 0	223
KA318-9	615 170 461 0	215
KA318C3	615 170 041 0	223
KA318EC3	615 170 045 0	223
KA318G	615 170 310 0	227
KA320-7	615 170 043 0	201
KA320-9	615 170 148 0	205
KA320-9FE	615 170 206 0	205
KA320C2	615 170 488 0	213
KA320C3	615 170 042 0	213
KA320E7	615 170 047 0	201
KA320E9	615 170 146 0	205
KA320EC2	615 170 487 0	213
KA320EC3	615 170 046 0	213
KA320EG	615 170 048 0	227
KA320G	615 170 044 0	227
KA613-9	615 170 135 0	217
KA613C4	615 170 137 0	217
KA613E9	615 170 136 0	213
KA613EC4	615 170 138 0	213
KA9020A	615 170 096 0	251
KA9020B	615 170 097 0	251
KA9030A	615 170 098 0	251
KA9030B	615 170 099 0	251
KA9030BY	615 170 309 0	251
KC061000	205 146 638 4	211
KC1600	615 170 315 0	211
KC1600-T	615 170 313 0	211
KC318-9	615 170 196 0	217
KC320-7	615 170 029 0	201
KC320-9	615 170 027 0	217
KC325-7	615 170 030 0	213
KC325-9	615 170 145 0	217
KC331-7	615 170 031 0	213
KC340-7	615 170 032 0	213
KC340-9	615 170 143 0	215
KC615-7	615 170 123 0	215
KC615-9	615 170 163 0	215
KC619-7	615 170 124 0	215
KC619-9	615 170 161 0	215
KC624-7	615 170 125 0	215
KC624-9	615 170 159 0	215
KC624-9RT	615 170 290 0	215
KC628-7	615 170 126 0	215
KC628-9	615 170 158 0	215

VIBRATION LEVEL (3 AXES VALUE) ISO 28927		NOISE LEVEL	SOUND LEVEL
A	K	ISO 15744	
m/s ²	m/s ²	dB(A)	dB(A)
7.1	2.2	82	
4.7	2.0	79	
2.9	1.5	85	
7.8	4.6	82	
4.4	2.5	79	
7.5	2.5	82	
4.7	1.1	79	
2.9	1.5	86	
7.9	2.3	82	
7.8	3.0	79	
16.7	5.0	82	
4.8	3.6	85	
<2.5		88	
5.4	1.0	93	
<2.5		89	
5.4	1.0	93	
5.3	1.1	84	
3.6	0.8	84	
5.7	1.1	87	
<2.5		87	
5.7	1.1	87	
3.9		81	
<2.5		80	
3.1		80	
<2.5		80	
2.8	1.6	76	
8.1	1.3	76	
<2.5		77	
2.9	0.9	75	
3.2	2.0	75	
3.2	2.0	78	
3.4	1.4	77	
3.5	1.8	77	
2.7	1.2	76	
<2.5		77	
12	4.0	79	
15	6.0	78	
4.1	2.1	77	
14.7	5.8	81	
18	6.5	78	
2.5	1.3	77	
4.7	2.4	78	
4.3	2.1	78	
4.3	2.1	80	
19.8	6.6	78	
19.8	6.6	78	
5.1	2.3	80	
5.7	3.0	80	
16	4.9	80	
16	4.9	80	
3.6	2.6	77	
2.8	1.2	77	
3.7	1.4	85	
9.3	3.0	85	
4.9	2.6	83	
7.2	2.4	84	
<2.5		80	
<2.5		80	
2.6	1.3	83	
2.6	1.3	83	
2.6	1.3	82	
<2.5		71	
<2.5		71	
<2.5		71	
3.4	1.5	72	
<2.5		74	
3.1	1.9	74	
<2.5		78	
3.0	1.4	78	
2.8	2.0	77	
2.8	2.0	77	
3.9	1.8	77	
<2.5		74	
3.4	2.0	74	
<2.5		74	
3.1	1.8	74	
<2.5		82	
<2.5		82	
<2.5		82	
<2.5		85	
<2.5		82	

MODEL	PART NO.	PAGE
KC9010-7	615 170 120 0	237
KC9010-9	615 170 168 0	237
KC9035-7	615 170 121 0	237
KC9035-9	615 170 167 0	237
KC9060-7	615 170 122 0	237
KC9060-9	615 170 166 0	237
KC912-7	615 170 127 0	215
KC912-9	615 170 165 0	215
KC912D3	615 170 491 0	221
KC915-7	615 170 128 0	215
KC915-9	615 170 164 0	215
KC918-7	615 170 129 0	215
KC918-9	615 170 162 0	215
KC922-7	615 170 130 0	215
KC922-9	615 170 160 0	215
KC331-9	615 170 144 0	217
KL1120A5	615 170 013 0	219
KL165B	615 170 011 0	233
KL177B7Y	615 170 182 0	233
KL185B7	615 170 012 0	233
KL360B6C	615 170 337 0	233
KL360B6CY	615 170 351 0	233
KL360B9Y	615 170 350 0	235
KL365B9	615 170 338 0	235
KL365B9V	615 170 474 0	235
KL377B7	615 170 341 0	233
KL377B7V	615 170 472 0	233
MC35-10	615 165 107 0	81
MC35-20	615 165 108 0	81
MC38-10	615 165 109 0	81
MC38-20	615 165 110 0	81
MC51-10	615 165 111 0	81
MC51-20	615 165 112 0	81
Multicombox	615 029 044 0	56
Multiplus		138
PL05-10D	615 170 131 0	255
PL05-10E	615 170 132 0	255
PL05-10F	615 170 133 0	255
Posco 500		74
Posco Vision		75
PT010-L5000-S4Q	205 146 225 4	122
PT010-T5000-S4Q	205 146 227 4	122
PT014-L6000-S4Q	205 146 226 4	122
PT014-T6000-S4Q	205 146 228 4	122
PT025-L4500-S10S	205 147 463 4	122
PT025-T4500-S10S	205 147 462 4	122
PT028-T9000-I4Q	205 147 789 4	122
PT031-L10000-I10S	205 147 466 0	122
PT031-T9000-I10S	205 147 467 4	122
PT035-T6000-S4Q	205 147 790 4	122
PT040-T6000-S10S	205 146 229 4	122
PT052-T7000-I10S	205 147 468 4	122
PT070-T4000-S13S	205 146 230 4	122
PT070-T6000-I13S	205 147 469 4	122
PT110-T4500-I13S	205 147 470 4	122
PT125-T3500-S13S	205 146 231 4	122
PT160-T3500-I13S	205 147 471 4	122
PT240-T2800-I19S	205 147 472 4	122
PT250-T4000-S19S	205 147 464 4	122
PT450-T3000-S19S	205 147 465 4	122
PTF012-T6200-S10S	615 172 081 0	120
PTF012-T6200-S4Q	615 172 104 0	120
PTF012-T6500-S4Q P	615 172 105 0	120
PTF020-T6700-I4Q	615 172 101 0	120
PTF024-T6500-S10S	615 172 084 0	120
PTF024-T6700-I10S	615 172 072 0	120
PTF028-T6300-I4Q	615 172 102 0	120
PTF028-T6300-S4Q	615 172 106 0	120
PTF035-T6300-S10S	615 172 087 0	120
PTF035-T6700-I4Q	615 172 103 0	120
PTF040-T6300-I10S	615 172 074 0	120
PTF056-T6700-I10S	615 172 075 0	120
PTF060-T6100-I10S	615 172 076 0	120
PTF060-T6100-S10S	615 172 088 0	120
PTF085-T4800-S13S	615 172 089 0	120
PTF096-T4600-I13S	615 172 077 0	120
PTF130-T4500-S13S	615 172 090 0	120
PTF136-T5000-I13S	615 172 078 0	120
PTF165-T3400-S13S	615 172 091 0	120
PTF172-T3800-I13S	615 172 079 0	120
RFD-100-140	145364	198

VIBRATION LEVEL (3 AXES VALUE) ISO 28927		NOISE LEVEL	SOUND LEVEL
A	K	ISO 15744	
m/s ²	m/s ²	dB(A)	dB(A)
<2.5		84	
<2.5		82	
<2.5		82	
<2.5		82	
<2.5		83	
<2.5		83	
<2.5		75	
<2.5		75	
<2.5		81	
<2.5		80	
3.9	2.2	80	
<2.5		81	
2.9	1.8	81	
<2.5		81	
3.5	2.4	81	
3.4	1.5	77	
6.8	2.5	84	
<2.5		77	
6.7	2.1	91	
6.7	2.1	78	
<2.5		84	
<2.5		84	
4.0	1.8	85	
4.6	1.4	87	
<2.5		87	
5.1	1.5	88	
<2.5		<70	
<2.5		<70	
<2.5		<70	
<2.5		<70	
<2.5		<70	
<2.5		80	
<2.5		80	
<2.5		80	
4.7	2.3	70	
3.5	1.6	73	
4.7	2.1	73	
3.0	2.2	70	
7.4	4.2	75	
6.3	3.4	76	
4.3	2.9	72	
4.7	2.1	73	
5.2	4.5	75	
6.1	2.2	74	
6.3	2.5	77	
3.7	2.2	80	
5.8	2.2	82	
4.9	2.7	48	
8.1	2.7	79	
7.2	2.4	79	
9.3	4.2	79	
8.9	4.2	81	
8.5	1.8	80	
11.2	4.1	85	
<2.5		75	
<2.5		75	
<2.5		79	
<2.5		76	
<2.5		79	
<2.5		76	
<2.5		79	
<2.5		79	
<2.5		82	
<2.5		82	
<2.5		84	
<2.5		79	
3.7	1.5	81	
3.4	1.3	79	
3.9	1.8	85	
<2.5		85	
4.9	2.4	83	
4.1	2.1	84	
<2.5		88	

Index (Model search)

Vibration level (m/s²) - Noise level (dB(A))

All values are current as of the date of this publication. For the latest information please visit www.desouttertools.com

MODEL	PART NO.	PAGE	VIBRATION LEVEL (3 AXES VALUE) ISO 28927		NOISE LEVEL dB(A)	SOUND LEVEL dB(A)
			A m/s ²	K m/s ²		
RFD-100-1850	681394	198	<2.5		88	
RFD-100-2800	681214	198	<2.5		90	
RFD-100-330	680244	198	<2.5		88	
RFD-100-500	680164	198	<2.5		88	
RFD-100-60	1457384	198	<2.5		88	
RFD-100-800	680084	198	<2.5		88	
RFD-100-85	1457374	198	<2.5		88	
RFDT-125-140	1445504	198	<2.5		88	
RFDT-125-330	1445674	198	<2.5		88	
RFDT-125-500	1445664	198	<2.5		88	
RFDT-125-60	1445524	198	<2.5		88	
RFDT-125-800	1445654	198	<2.5		88	
RFDT-125-85	1445514	198	<2.5		88	
Routers		219				
S144-T3100	936974	272	<2.5		80	
SB011-AB1600-S4Q	1460644	102	<2.5		69	
SB011-AR1600-S4Q	1460524	102	<2.5		69	
SB015-AB1100-S4Q	1460634	102	<2.5		69	
SB015-AR1100-S4Q	1460514	102	<2.5		69	
SB021-LR1400-S4Q	205 147 508 4	103	<2.5		72	
SB025-AB500-S4Q	1460684	102	<2.5		69	
SB025-AB750-S4Q	1460624	102	<2.5		69	
SB025-AR500-S4Q	1460564	102	<2.5		69	
SB025-AR750-S4Q	1460504	102	<2.5		69	
SB043-LR1050-S4Q	205 147 507 4	103	<2.5		72	
SB047-LR500-S4Q	205 147 506 4	103	<2.5		72	
SBP021-T1600-S4Q	1462154	104	<2.5		73	
SBP021-T2300-S4Q	1462144	104	<2.5		73	
SBP022-T1600-R4Q	1462194	109	<2.5		73	
SBP024-T2300-R4Q	1462184	109	<2.5		73	
SBP043-T1100-S4Q	1462164	104	<2.5		73	
SBP044-T1100-R4Q	1462204	109	<2.5		73	
SBP044-T550-R4Q	1462214	109	<2.5		73	
SBP047-T550-S4Q	1462174	104	<2.5		73	
SC009-L1600-HLT4M	1459644	105	<2.5		73	
SC021-L1400-S90A4H	1459064	112	<2.5		73	
SC021-L1400-S90A4S	1459144	112	<2.5		73	
SC021-L1600-HLT4M	1459614	105	<2.5		73	
SC021-L2000-S90A4H	1459074	112	<2.5		73	
SC021-L2000-S90A4S	1459154	112	<2.5		73	
SC022-L1100-HLT4M	1459654	105	<2.5		73	
SC022-L1400-R90A4S	1459184	114	<2.5		73	
SC022-L550-HLT4M	1459664	105	<2.5		73	
SC024-L2000-R90A4H	1459114	114	<2.5		73	
SC024-L2000-R90A4S	1459194	114	<2.5		73	
SC043-L1100-HLT4M	1459624	105	<2.5		73	
SC043-L950-S90A4H	1459054	112	<2.5		73	
SC043-L950-S90A4S	1459134	112	<2.5		73	
SC044-L500-R90A4H	1459084	114	<2.5		73	
SC044-L500-R90A4S	1459164	114	<2.5		73	
SC044-L950-R90A4H	1459094	114	<2.5		73	
SC044-L950-R90A4S	1459174	114	<2.5		73	
SC047-L500-S90A4H	1459044	112	<2.5		73	
SC047-L500-S90A4S	459124	112	<2.5		73	
SC047-L550-HLT4M	1459634	105	<2.5		73	
SC2-025-1AM2200-S4Q	205 147 426 4	117	<2.5		71	
SC2-025-2RM2200-S4Q	205 147 440 4	117	<2.5		71	
SC2-025-A2200-R4Q	205 147 276 4	117	<2.5		71	
SC2-025-A2200-S4Q	205 147 269 4	102	<2.5		71	
SC2-025-L2200-R4Q	205 147 290 4	108	<2.5		71	
SC2-025-L2200-S4Q	205 147 283 4	103	<2.5		71	
SC2-035-1AM1500-S4Q	205 147 425 4	117	<2.5		71	
SC2-035-2RM1500-S4Q	205 147 438 4	117	<2.5		71	
SC2-035-A1500-R4Q	205 147 275 4	108	<2.5		71	
SC2-035-A1500-S4Q	205 147 268 4	102	<2.5		71	
SC2-035-L1500-R4Q	205 147 289 4	108	<2.5		71	
SC2-035-L1500-S4Q	205 147 282 4	103	<2.5		71	
SC2-045-1AM1000-S4Q	205 147 424 4	117	<2.5		71	
SC2-045-2RM1000-S4Q	205 147 438 4	117	<2.5		71	
SC2-045-A1000-R4Q	205 147 274 4	108	<2.5		71	
SC2-045-A1000-S4Q	205 147 267 4	102	<2.5		71	
SC2-045-L1000-R4Q	205 147 288 4	108	<2.5		71	
SC2-045-L1000-S4Q	205 147 281 4	103	<2.5		71	
SC2-055-1AM700-S4Q	205 147 423 4	117	<2.5		71	
SC2-055-2RM700-S4Q	205 147 437 4	117	<2.5		71	
SC2-055-A700-R4Q	205 147 273 4	108	<2.5		71	
SC2-055-A700-S4Q	205 147 266 4	102	<2.5		71	
SC2-055-L700-R4Q	205 147 287 4	108	<2.5		71	
SC2-055-L700-S4Q	205 147 280 4	103	<2.5		71	
SC2-065-1AM500-S4Q	205 147 422 4	117	<2.5		71	
SC2-065-2RM500-S4Q	205 147 436 4	117	<2.5		71	

MODEL	PART NO.	PAGE	VIBRATION LEVEL (3 AXES VALUE) ISO 28927		NOISE LEVEL dB(A)	SOUND LEVEL dB(A)
			A m/s ²	K m/s ²		
SC2-065-A500-R4Q	205 147 272 4	108	<2.5		71	
SC2-065-A500-S4Q	205 147 265 4	102	<2.5		71	
SC2-065-L500-R4Q	205 147 286 4	108	<2.5		71	
SC2-065-L500-S4Q	205 147 279 4	103	<2.5		71	
SC2P	615 170 077 0	249	4.6	2.6	81	
SC2P14	615 170 083 0	249	4.6	2.6	85	
SC2P8	615 170 089 0	249	4.6	2.6	82	
SC3P	615 170 079 0	249	3.7	2.0	79	
SC3P14	615 170 085 0	249	3.7	2.0	83	
SC3P8	615 170 091 0	249	3.7	2.0	82	
SC4	615 170 081 0	249	5.4	2.8	80	
SC4-14	615 170 087 0	249	5.4	2.8	82	
SC4-8	615 170 093 0	249	5.4	2.8	83	
SC4P	615 170 078 0	249	2.7	1.6	81	
SC4P14	615 170 084 0	249	2.7	1.6	84	
SC4P8	615 170 090 0	249	2.7	1.6	82	
SCBP021-T1600-S4Q	1466364	104	<2.5		73	
SCBP021-T2300-S4Q	1466374	104	<2.5		73	
SCBP043-T1100-S4Q	1466354	104	<2.5		73	
SCBP044-T740-S4Q	1466344	104	<2.5		73	
SCBP047-T550-S4Q	1466334	104	<2.5		73	
SCP009-T1600-HLT4M	1459704	105	<2.5		73	
SCP021-T1600-HLT4M	1459714	105	<2.5		73	
SCP021-T1600-S4Q	1456744	104	<2.5		73	
SCP021-T2300-S4Q	1456734	104	<2.5		73	
SCP022-T1600-R4Q	1456784	109	<2.5		73	
SCP022-T550-HLT4M	1459744	105	<2.5		73	
SCP043-T1100-HLT4M	1459734	105	<2.5		73	
SCP043-T1100-S4Q	1456754	104	<2.5		73	
SCP044-T1100-R4Q	1456794	109	<2.5		73	
SCP044-T550-R4Q	1456804	109	<2.5		73	
SCP047-T550-HLT4M	1459754	105	<2.5		73	
SCP047-T550-S4Q	1456764	104	<2.5		73	
SCPT021-A1600-S4Q	1458934	104	<2.5		73	
SCPT021-A2300-S4Q	1458974	104	<2.5		73	
SCPT022-A1600-R4Q	1458954	109	<2.5		73	
SCPT024-A2300-R4Q	1458994	109	<2.5		73	
SCPT043-A1100-S4Q	1458894	104	<2.5		73	
SCPT044-A1100-R4Q	1458914	109	<2.5		73	
SCPT047-A550-S4Q	1458854	104	<2.5		73	
SD023-2RM3500-S4Q	1464324	117	<2.5		73	
SD023-AB3500-R4Q	1462954	108	<2.5		73	
SD023-AB3500-S4Q	1462834	102	<2.5		73	
SD023-AR3500-R4Q	1462894	108	<2.5		73	
SD023-AR3500-S4Q	1462764	102	<2.5		73	
SD023-LB3500-R4Q	1463214	108	<2.5		73	
SD023-LB3500-S4Q	1463094	103	<2.5		73	
SD023-LR3500-R4Q	1463154	108	<2.5		73	
SD023-LR3500-S4Q	1463024	103	<2.5		73	
SD035-1AM2200-S4Q	1464244	117	<2.5		73	
SD035-2RM2200-S4Q	1464314	117	<2.5		73	
SD035-AB2200-R4Q	1462944	108	<2.5		73	
SD035-AB2200-S4Q	1462824	102	<2.5		73	
SD035-AR2200-R4Q	1462884	108	<2.5		73	
SD035-AR2200-S4Q	1462754	102	<2.5		73	
SD035-LB2200-R4Q	1463204	108	<2.5		73	
SD035-LB2200-S4Q	1463084	103	<2.5		73	
SD035-LR2200-R4Q	1463144	108	<2.5		73	
SD035-LR2200-S4Q	1463014	103	<2.5		73	
SD055-1AM1470-S4Q	1464234	117	<2.5		73	
SD055-2RM1470-S4Q	1464304	117	<2.5		73	
SD055-AB1470-R4Q	1462934	108	<2.5		73	
SD055-AB1470-S4Q	1462814	102	<2.5		73	
SD055-AR1470-R4Q	1462874	108	<2.5		73	
SD055-AR1470-S4Q	1462744	102	<2.5		73	
SD055-LB1470-R4Q	1463194	108	<2.5		73	
SD055-LB1470-S4Q	1463074	103	<2.5		73	
SD055-LR1470-R4Q	1463134	108	<2.5		73	
SD055-LR1470-S4Q	1463004	103	<2.5		73	
SD070-LB1100-R90-A4H	1463334	114	<2.5		73	
SD070-LB1100-R90-A4S	1463454	114	<2.5		73	
SD070-LB1100-S90-A4H	1463254	112	<2.5		73	
SD070-LB1100-S90-A4S	1463374	112	<2.5		73	
SD070-LB320-S90-A4H	1463224	112	<2.5		73	
SD070-LB320-S90-A4S	1463344	112	<2.5		73	
SD070-LB510-R90-A4H	1463314	114	<2.5		73	
SD070-LB510-R90-A4S	1463434	114	<2.5		73	
SD070-LB510-S90-A4H	1463234	112	<2.5		73	
SD070-LB510-S90-A4S	1463354	112	<2.5		73	
SD070-LB820-R90-A4H	1463324	114	<2.5		73	
SD070-LB820-S90-A4H	1463244	112	<2.5		73	

Index (Model search)

Vibration level (m/s²) - Noise level (dB(A))

All values are current as of the date of this publication. For the latest information please visit www.desouttertools.com

MODEL	PART NO.	PAGE	VIBRATION LEVEL		NOISE	SOUND
			(3 AXES VALUE) ISO 28927		LEVEL	LEVEL
			A m/s ²	K m/s ²	ISO 15744 dB(A)	dB(A)
SD070-LB820-S90-A4S	1463364	112	<2.5		73	
SD070-LR1100-S90-A4H	1463294	112	<2.5		73	
SD070-LR1100-S90-A4S	1463414	112	<2.5		73	
SD070-LR160-S90-A4S	205 146 705 4	112	<2.5		73	
SD070-LR320-R90-A4H	1463624	114	<2.5		73	
SD070-LR320-R90-A4S	1463664	114	<2.5		73	
SD070-LR320-S90-A4H	1463264	112	<2.5		73	
SD070-LR320-S90-A4S	1463384	112	<2.5		73	
SD070-LR510-S90-A4H	1463274	112	<2.5		73	
SD070-LR510-S90-A4S	1463394	112	<2.5		73	
SD070-LR820-S90-A4S	1463404	112	<2.5		73	
SD072-LB1080-S90-A10S	1463504	112	<2.5		73	
SD072-LR1080-S90-A10S	1463554	112	<2.5		73	
SD075-1AM1100-S4Q	1464224	117	<2.5		73	
SD075-2RM1100-S4Q	1464294	117	<2.5		73	
SD075-AB1100-R4Q	1462924	108	<2.5		73	
SD075-AB1100-S4Q	1462804	102	<2.5		73	
SD075-AR1100-R4Q	1462864	108	<2.5		73	
SD075-AR1100-S4Q	1462734	102	<2.5		73	
SD075-LA1100-S4	1464604	110	<2.5		73	
SD075-LB1100-R4Q	1463184	108	<2.5		73	
SD075-LB1100-S4Q	1463064	103	<2.5		73	
SD075-LR1100-R4Q	1463124	108	<2.5		73	
SD075-LR1100-S4Q	1462994	103	<2.5		73	
SD095-LB800-S90-A10S	1463494	112	<2.5		73	
SD095-LR800-S90-A10S	1463544	112	<2.5		73	
SD096-LB800-D90-A4S	1465984	115	<2.5		73	
SD097-LB1080-R90-A10S	1463584	114	<2.5		73	
SD097-LR1080-R90-A10S	1463724	114	<2.5		73	
SD100-1AM820-S4Q	1464214	117	<2.5		73	
SD100-2RM820-S4Q	1464284	117	<2.5		73	
SD100-AB510-R4Q	1462904	108	<2.5		73	
SD100-AB820-R4Q	1462914	108	<2.5		73	
SD100-AB820-S4Q	1462794	102	<2.5		73	
SD100-AR510-R4Q	1462844	108	<2.5		73	
SD100-AR820-R4Q	1462854	108	<2.5		73	
SD100-AR820-S4Q	1462724	102	<2.5		73	
SD100-LB510-R4Q	1463164	108	<2.5		73	
SD100-LB820-R4Q	1463174	108	<2.5		73	
SD100-LB820-S4Q	1463054	103	<2.5		73	
SD100-LR510-R4Q	1463104	108	<2.5		73	
SD100-LR820-R4Q	1463114	108	<2.5		73	
SD100-LR820-S4Q	1462984	103	<2.5		73	
SD110-LX450	205 148 131 4	115	<2.5		73	
SD130-LB500-D90-A4S	1465974	115	<2.5		73	
SD130-LB600-R90-A10S	1463574	114	<2.5		73	
SD130-LB600-S90-A10S	1463484	112	<2.5		73	
SD130-LR600-R90-A10S	1463714	114	<2.5		73	
SD130-LR600-S90-A10S	1463534	112	<2.5		73	
SD140-1AM510-S4Q	1464204	117	<2.5		73	
SD140-2RM510-S4Q	1464274	117	<2.5		73	
SD140-AB510-S4Q	1462784	102	<2.5		73	
SD140-AR510-S4Q	1462714	102	<2.5		73	
SD140-LA510-S4	1464584	110	<2.5		73	
SD140-LB510-S4Q	1463044	103	<2.5		73	
SD140-LR510-S4Q	1462974	103	<2.5		73	
SD160-1AM320-S4Q	1464194	117	<2.5		73	
SD160-2RM320-S4Q	1464264	117	<2.5		73	
SD160-AB320-S4Q	1462774	102	<2.5		73	
SD160-AR320-S4Q	1462704	102	<2.5		73	
SD160L-AR320-S4Q	205 147 799 4	110	<2.5		73	
SD160-LB320-S4Q	1463034	103	<2.5		73	
SD160-LR320-S4Q	1462964	103	<2.5		73	
SD209-LB370-R90-A10S	1463564	114	<2.5		73	
SD209-LB370-S90-A10S	1463474	112	<2.5		73	
SD209-LR370-R90-A10S	1463704	114	<2.5		73	
SD209-LR370-S90-A10S	1463524	112	<2.5		73	
SD220-2RM320-S10S	205 147 941 4	111	<2.5		78	
SD220-2RM320-S4Q	205 147 939 4	111	<2.5		78	
SD220-LR320-S10S	205 147 979 4	111	<2.5		78	
SD220-LR320-S4Q 2	205 147 937 4	111	<2.5		78	
SD300-LB250-S90-A10S	1463464	112	<2.5		73	
SD300-LR180-S90-A10S	205 146 704 4	112	<2.5		73	
SD300-LR250-S90-A10S	1463514	112	<2.5		73	
SDP023-T3400-D4Q	1465714	110	<2.5		75	
SDP023-T3400-R4Q	1465644	109	<2.5		75	
SDP023-T3400-S4Q	1465574	104	<2.5		73	
SDP035-T2100-D4Q	1465704	110	<2.5		75	
SDP035-T2100-R4Q	1465634	109	<2.5		75	
SDP035-T2100-S4Q	1465564	104	<2.5		73	
SDP045-T180-S4Q 205	205 146 706 4	104	<2.5		75	

MODEL	PART NO.	PAGE	VIBRATION LEVEL		NOISE LEVEL	SOUND LEVEL
			(3 AXES VALUE) ISO 28927			
			A m/s ²	K m/s ²		
SDP055-T1400-D4Q	1465594	110	<2.5		75	
SDP055-T1400-R4Q	1465564	109	<2.5		75	
SDP055-T1400-S4Q	1465554	104	<2.5		75	
SDP075-T1050-D4Q	1465584	110	<2.5		75	
SDP075-T1050-R4Q	1465514	109	<2.5		75	
SDP075-T1050-S4Q	1465544	104	<2.5		75	
SDP100-T300-R4Q	1465584	109	<2.5		75	
SDP100-T490-R4Q	1465594	109	<2.5		75	
SDP100-T700-S4Q	1465534	104	<2.5		75	
SDP100-T780-D4Q	1465574	110	<2.5		75	
SDP100-T780-R4Q	1465604	109	<2.5		75	
SDP140-T490-D4Q	1465664	110	<2.5		75	
SDP140-T490-S4Q	1465524	104	<2.5		75	
SDP160-T300-S4Q	1465514	104	<2.5		75	
SDT023-T3500-R4Q	205 147 635 4	109	<2.5		75	
SDT035-T1100-S4Q 205	205 147 623 4	104	<2.5		75	
SDT035-T2200-R4Q	205 147 636 4	109	<2.5		75	
SDT035-T2200-S4Q	1465774	104	<2.5		75	
SDT055-T1470-R4Q	205 147 637 4	109	<2.5		75	
SDT055-T1470-S4Q	1465764	104	<2.5		75	
SDT075-T1100-R4Q	205 147 638 4	109	<2.5		75	
SDT075-T1100-S4Q	1465754	104	<2.5		75	
SDT100-T320-R4Q	205 147 641 4	109	<2.5		75	
SDT100-T510-R4Q	205 147 644 4	109	<2.5		75	
SDT100-T820-R4Q	205 147 639 4	109	<2.5		75	
SDT100-T820-S4Q	1465744	104	<2.5		75	
SDT140-T510-S4Q	1465734	104	<2.5		75	
SDT160-T320-S4Q	1465724	104	<2.5		75	
SH1200-LR215-S90-A13S	205 147 476 4	113	<2.5		<70	
SH150-LR580-S90-A10S	205 147 629 4	113	<2.5		80	
SH2000-LR100-S90-A13S	205 147 801 4	113	<2.5		<70	
SH200-LR550-S90-A10S	205 147 630 4	113	<2.5		80	
SH280-LR350-S90-A10S	205 147 631 4	113	<2.5		80	
SH280-LR80-S90-A10S	205 147 632 4	113	<2.5		80	
SH330-LB330-OE11-CC53	205 147 818 4	116				
SH330-LB330-OE11-CC75	205 147 819 4	116				
SH330-LB330-OE13-CC53	205 147 820 4	116				
SH330-LB330-OE13-CC75	205 147 821 4	116				
SH330-LB430-CE13-CC53	205 147 815 4	116				
SH410-LB400-CE17-CC68	205 147 817 4	116				
SH420-LR190-S90-A13S	205 147 800 4	113	<2.5		80	
SH500-LR330-S90-A13S	205 147 473 4	113	<2.5		80	
SH700-LR225-S90-A13S	205 147 474 4	113	<2.5		80	
SH70-LR1100-S90-A4S	205 147 628 4	113	<2.5		80	
SH850-LR190-S90-A13S	205 147 475 4	113	<2.5		80	
SLB001-L1000-S WS	615 165 705 0	89	<2.5		<70	
SLB003-L1000-S4Q	615 165 625 0	89	<2.5		<70	
SLB003-L230-S4Q	615 165 881 0	89	<2.5		<70	
SLB012-A1000-S4Q	615 165 568 0	89	<2.5		<70	
SLB012-A2000-S4Q	615 165 569 0	89	<2.5		<70	
SLB012-L1000-S4Q	615 165 565 0	89	<2.5		<70	
SLB012-L2000-S4Q	615 165 566 0	89	<2.5		<70	
SLB020-A1000-S4Q	615 165 570 0	89	<2.5		<70	
SLB020-L1000-S4Q	615 165 567 0	89	<2.5		<70	
SLB030-A1000-S4Q	615 165 622 0	89	<2.5		<70	
SLB030-A2000-S4Q	615 165 623 0	89	<2.5		<70	
SLB030-L1000-S4Q	615 165 619 0	89	<2.5		<70	
SLB030-L2000-S4Q	615 165 620 0	89	<2.5		<70	
SLB050-A1000-S4Q	615 165 624 0	89	<2.5		<70	
SLB050-L1000-S4Q	615 165 621 0	89	<2.5		<70	
SLB090-A800-S4Q	615 165 896 0	89	<2.5		<70	
SLB090-L800-S4Q	615 165 892 0	89	<2.5		<70	
SLB120-A550-S4Q	615 165 897 0	89	<2.5		<70	
SLB120-L550-S4Q	615 165 893 0	89	<2.5		<70	
SLC030-F1200-C4Q	615 165 490 0	92	<2.5		<70	
SLC030-L1200-C4Q	615 165 500 0	91	<2.5		<70	
SLC030-L1200-C90A4H	615 165 478 0	91	<2.5		<70	
SLC030-P1200-C4Q	615 165 488 0	92	<2.5		<70	
SLC030-T1200-C4Q	615 165 489 0	92	<2.5		<70	
SLC100-F600-C4Q	615 165 468 0	92	<2.5		<70	
SLC100-L600-C4Q	615 165 466 0	91	<2.5		<70	
SLC100-L600-C90A4H	615 165 479 0	91	<2.5		<70	
SLC100-P600-C4Q	615 165 462 0	92	<2.5		<70	
SLC100-T600-C4Q	615 165 464 0	92	<2.5		<70	
SLC150-F320-C4Q	615 165 469 0	92	<2.5		<70	
SLC150-L320-C4Q	615 165 467 0	92	<2.5		<70	
SLC150-P320-C4Q	615 165 463 0	92	<2.5		<70	
SLC150-T320-C4Q	615 165 465 0	92	<2.5		<70	
SMRD60H	615 170 288 0	261	4.7	1.7	80	
SMRD60HC	615 170 281 0	261	4.7	1.7	82	
SMRD60HV	615 170 282 0	261	4.7	1.7	85	



Index (Model search)

Vibration level (m/s²) - Noise level (dB(A))

All values are current as of the date of this publication. For the latest information please visit www.desouttertools.com

MODEL	PART NO.	PAGE	VIBRATION LEVEL		NOISE	SOUND
			(3 AXES VALUE)		LEVEL	LEVEL
			A	K	ISO 15744	
			m/s ²	m/s ²	dB(A)	dB(A)
SP3	615 170 198 0	265	12.6	3.4	80	
SP3P	615 170 197 0	265	5.1	2.3	81	
SPXRD30H	615 170 281 0	265	8.3	3.2	76	
SV3	615 170 066 0	263	10.7	3.8	80	
SV3-14	615 170 070 0	263	10.7	3.8	82	
SV3-8	615 170 074 0	263	10.7	3.8	78	
SV3P	615 170 067 0	263	10.6	4.0	81	
SV3P14	615 170 071 0	263	10.6	4.0	81	
SV3P8	615 170 075 0	263	7.8	1.3	78	
SV4P	615 170 068 0	263	8.3	3.0	83	
SV4P14	615 170 072 0	263	8.3	3.0	81	
SV4P8	615 170 076 0	263	7.5	3.0	80	
SXOAR1	615 170 233 0	259	6.3	3.0	76	
SXOAR1C	615 170 237 0	259	6.3	3.4	76	
SXOAR1V	615 170 235 0	259	6.3	3.2	82	
SXOAT1	615 170 234 0	259	7.6	3.0	77	
SXOAT1C	615 170 238 0	259	5.3	2.7	78	
SXOAT1V	615 170 236 0	259	5.3	2.7	81	
SXRA35	615 170 218 0	255	5.6	2.1	76	
SXRA35C	615 170 224 0	255	3.8	1.7	78	
SXRA35V	615 170 221 0	255	3.8	1.7	85	
SXRA50	615 170 219 0	255	4.7	2.4	76	
SXRA50C	615 170 225 0	255	3.2	1.4	78	
SXRA50V	615 170 222 0	255	3.2	1.4	85	
SXRA60	615 170 220 0	255	5.0	2.3	76	
SXRA60C	615 170 226 0	255	3.2	1.4	78	
SXRA60V	615 170 223 0	255	4.6	2.9	85	
SXRB35	615 170 209 0	255	3.8	1.7	76	
SXRB35C	615 170 215 0	255	3.4	1.3	78	
SXRB35V	615 170 212 0	255	3.8	1.7	85	
SXRB50	615 170 300 0	255	4.3	1.5	76	
SXRB50	615 170 210 0	255	4.3	1.5	76	
SXRB50C	615 170 216 0	255	3.9	1.4	78	
SXRB50V	615 170 213 0	255	3.2	1.7	85	
SXRB60	615 170 211 0	255	3.4	1.7	76	
SXRB60	615 170 317 0	255	3.4	1.7	76	
SXRB60C	615 170 217 0	255	5.7	2.9	78	
SXRB60H	615 170 355 0	257	5.1	2.5	76	
SXRB60H	615 170 356 0	257	5.1	2.5	76	
SXRB60HC	615 170 362 0	257	4.4	1.9	78	
SXRB60HV	615 170 359 0	257	5.6	1.9	85	
SXRB60V	615 170 214 0	255	4.4	1.5	85	
SXRC60	615 170 462 0	255	3.4	1.7	76	
SXRC60H	615 170 465 0	257	5.1	2.5	76	
SXRC60C	615 170 463 0	255	5.7	2.9	78	
SXRC60HC	615 170 466 0	257	4.4	1.9	78	
SXRC60HV	615 170 467 0	257	5.6	1.9	85	
SXRC60V	615 170 464 0	255	4.4	1.5	85	
T500-P400	205 147 995 4	196	<2.5		76	
T500-P500	205 147 996 4	196	<2.5		76	
Tool holsters - DTH..		196				
TRA100 1600	615 810 099 0	164				
TRA100 2100	615 810 100 0	164				
TRA100 2100 P	615 811 682 0	165				
TRA100 2100 P2	615 811 683 0	165				
TRA100 2600	615 810 101 0	164				
TRA12 1150	615 810 089 0	164				
TRA12 1600	615 810 090 0	164				
TRA12 1600 UNI P	615 811 694 0	165				
TRA12 1600 UNI P2	615 811 695 0	165				
TRA12 2100	615 810 091 0	164				
TRA200 1600	615 810 102 0	164				
TRA200 2100	615 810 103 0	164				
TRA200 2100 P	615 811 688 0	165				
TRA200 2100 P2	615 811 689 0	165				
TRA200 2600	615 810 104 0	164				
TRA25 1150	615 810 092 0	164				
TRA25 1600	615 810 093 0	164				
TRA25 2100	615 810 094 0	164				
TRA25 2100 UNI P	615 811 670 0	165				
TRA25 2100 UNI P2	615 811 671 0	165				
TRA25 2600	615 810 095 0	164				
TRA50 1600	615 810 096 0	164				
TRA50 2100	615 810 097 0	164				
TRA50 2100 UNI P	615 811 676 0	165				
TRA50 2100 UNI P2	615 811 677 0	165				
TRA50 2600	615 810 098 0	164				
TWINCV13	615 932 697 0	29				
V100	129504	272				
Vacuum & Color identification		163				
VP2-X	671094	272	1.3	1.1	70	

Desoutter Tools follows a policy of continuous product improvement. Specifications and descriptions are thus subject to change without notice.

Check the online ecatalog at www.desouttertools.com for the latest product information.

Notes

Conversion table

LENGTH

1 in.	=	0.0254 m
1 m	=	39.3701 in / 3.2808 ft
1 mm	=	0.0393701 in

WEIGHT

1 lb	=	0.4536 kg
1 kg	=	2.2046 lb

TORQUE

1 kpm	=	9.8067 Nm
1 ft-lb	=	1.3558 Nm
1 in-lb	=	0.1130 Nm
1 Nm	=	0.1020 kpm
1 Nm	=	0.7376 ft-lbs

POWER

1 kpm/s	=	9.8067 W
1 hp	=	745.7 W
1 hp	=	101.972 kpm/s
1 KW	=	1.3410 hp

AIR PRESSURE

1 bar	=	100 kPa
1 kp/cm ² (at)	=	98.0665 kPa
1 psi	=	6.8948 kPa
1 kPa	=	0.0101972 kp/cm ² (at)

AIR FLOW

1 m ³ /min	=	16.6667 l/s
1 cfm	=	0.4720 l/s
1m ³ /h	=	0.2778 l/s
1 l/s	=	2.1189 cfm



Desoutter RightWay focuses on six key areas that play an important part in the performance of your production lines.

■ PRODUCTIVITY

Remove bottlenecks to raise workstation productivity and overall line performance.

■ QUALITY

Improve the quality of final goods and reduce quality-related costs by implementing advanced error-proofing solutions that detect and fix defects at the workstation.

■ ERGONOMICS

Reduce work-related musculoskeletal disorders to improve operator morale, cut absenteeism and minimize operator turnover.

■ SAFETY

Fewer on-the-job injuries and the costs associated with lost time and medical costs.

■ ENERGY

Fight rising energy costs by adopting energy-efficient best practices and technologies.

■ PLANNING

Help you accelerate process improvement projects by providing your planning department with valuable resources and expertise.



Desoutter RightWay uses a unique **4-step methodology** to identify workable improvements to your production line. Our solutions combine real-world insights gathered directly from your production line with our unmatched expertise in tool systems for your industry.

ANALYSE ON THE FACTORY FLOOR

Desoutter RightWay begins with a 6-point on-site audit of your entire line, workstations and operator ergonomics. Our expert visits the line with you gathering information and observations about your requirements in the six key domains: productivity, quality, ergonomics, safety, energy consumption and process planning.

PROPOSE DEMONSTRATING FEASIBILITY

Using the results of our Desoutter RightWay audit, the data you provide and our best practices in similar applications, we design and test a custom solution that is perfectly suited to your requirements. In addition, we demonstrate the solution in real-world conditions to show you first-hand how it resolves your issues and concerns.

FOLLOW-UP IMPLEMENTATION AND SUPPORT

Finally, we work with your line engineers to organize the smooth and timely deployment of the new tool system. Over the life of the system, we will continue to monitor performance and use this feedback to make any adjustments that may be required as your line evolves. We also provide all the preventive maintenance and fixed-price servicing called for in the ROI calculations.

PROVE PROVE THE PAYBACK

Based on the proposed solution, we calculate the return on investment and the payback in terms of the six domains mentioned earlier. We also propose error-proofing solutions, calculate duty cycles and analyze joint quality for assembly applications.



More Than Productivity



[Click here for latest issue](#)



ENG 615 993 934 1
© Copyright 2017

Printed in Europe - March 2017 - Issue 3