KAR INDUSTRIAL INC.

Toronto | Montréal | Edmonton

www.kar.ca

SPRING INTO SAVINGS

INSIZE ELECTRONIC MEASURING MICROSCOPES

- Records photos and video
- Supplied with measuring software (requires Windows XP SP2, Vista, Windows 7, 8 or 10 operating system)
- Data export to CAD or Microsoft Excel
- Magnification: 10X to 200X
- Pixels: Standard – 1.3M (resolution: 1280x1024)
- Built-in adjustable LED
- Power supply: USB 2.0 cable (voltage required: 5±0.1V)

Laptop not included

Standard stand

Includes one of each: Microscope, Stand, White/Black plate, Focus support ring 80X/150X, Focus support ring 60X/200X, Calibration rule (graduation 0.1mm), Calibration rule (graduation 1mm), ISM-PRO software CD

Code 285000

544.65

- Maximum working distance is 200" under WiFi mode
- May be connected to multiple iPads, Android devices or computers at the same time under WiFi mode
- Records photos and video
- Supplied with measuring software
- Magnification: 10X to 200X
- Pixels: 1.3M (resolution: 1280x1024)
- Built-in adjustable LED
- Power supply: built-in rechargeable battery

OPTIONAL ACCESSORIES:
Standard or Universal stand
Green, Yellow or Blue filters

Code 816685

463.80

Includes one of each:
Microscope
Base support
Focus support ring 80X/150X
Focus support ring 60X/200X
Calibration rule (graduation 0.004"/0.1mm)
Calibration rule (graduation 0.039"/1mm)
USB cable and software
AC/DC adaptor

Optional:

Standard Stand

Magnification	Focus Distance (Inch)	View Field (Inch)	Accuracy (Inch)
50x	0.83	0.32 x 0.25	0.0012
100x	0.51	0.15 x 0.12	0.0006
150x	0.63	0.10 x 0.08	0.0004
200x	0.75	0.07 x 0.06	0.0003

Magnification	Focus Distance (Inch)	View Field (Inch)	Accuracy (mil)
50x	0.83	0.32 x 0.25	1.2
100x	0.51	0.15 x 0.12	0.6
150x	0.63	0.10 x 0.08	0.4
200x	0.75	0.07 x 0.06	0.3

INSIZE EXCLUSIVELY AVAILABLE FROM KAR IN CANADA

YOUR AUTHORIZED KAR DISTRIBUTOR:

TECHNICUT INDUSTRIAL SUPPLY INC.

Unit 201-9466 189th Street, Surrey, B.C. V4N 4W7

604.888.4052 Fax 604.888.4072

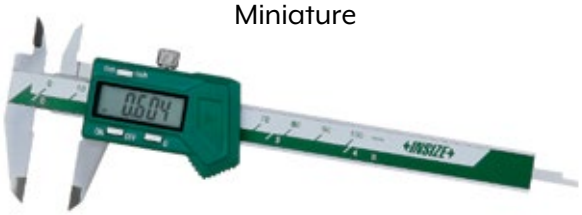
MAKING IT EASY TO DO BUSINESS WITH SINCE 1954... CONTACT YOUR LOCAL KAR DISTRIBUTOR TODAY!

SPRING INTO SAVINGS

INSIZE TOOLS THAT MEASURE UP

ELECTRONIC CALIPERS

Miniature



- Resolution: 0.0005"/0.01mm
- Accuracy: ±0.0010"
- Buttons: zero, on/off, inch/mm
- Auto power off
- Battery LR44
- Stainless steel
- Supplied in fitted storage case

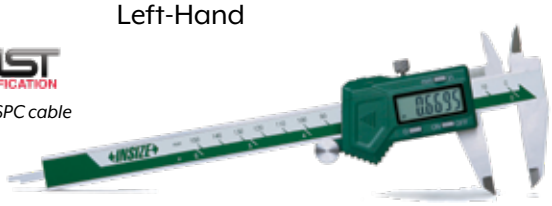
0-3"/0-75mm
Code 280019
82.48

0-4"/0-100mm
Code 280020
80.91

Left-Hand

SPC NIST CERTIFICATION

OPTIONAL ACCESSORY: SPC cable



- Accuracy: ±0.0012"
- Designed for left-handed users
- Resolution: 0.0005"/0.01mm
- Buttons: on/off, zero, Inch/mm
- Battery CR2032
- Auto power off, move unit to turn power on
- Data output
- Stainless steel
- Supplied in fitted storage case

0-6"/0-150mm
Code 816615
219.80

0-8"/0-200mm
Code 816616
260.15

0-12"/0-300mm
Code 816617
375.83

VERNIER CALIPERS

- Graduations: 0.001"/0.02mm
- Accuracy: ±0.0012"
- Stainless steel with satin chrome plated reading surface
- Supplied in fitted storage case

0-6 Inch/0-150mm
Code 876750
53.68

0-8 Inch/0-200mm
Code 876225
85.35

0-8 Inch/0-200mm
Code 876232
150.79

SCREW THREAD MICROMETERS

- Measures pitch diameter of screw threads
- Graduation: 0.001"
- Non-rotating spindle, ratchet stop
- Zero adjusting wrench
- Supplied with 60 degree setting standards. 55 degree setting standards are sold separately (NOTE: 0-1" does not require a setting standard)
- Measuring tips are sold separately
- Supplied in fitted storage case

Interchangeable Measuring Tips sold separately

0-1 Inch
Code 281696
192.91

1-2 Inch
Code 281697
215.04

2-3 Inch
Code 281698
250.84

3-4 Inch
Code 281699
272.23

4-5 Inch
Code 281700
312.65

5-6 Inch
Code 281701
352.05

EXCLUSIVELY AVAILABLE FROM **KAR** IN CANADA: https://kar.ca/catalogsearch/result/?q=INSIZE

POWER TABLE FEED

- Smooth running with high torque maximum of 650 in/lb
- New and stronger design assures long trouble-free life
- Electrical and mechanical parts are designed for easy maintenance

Specifications:
Voltage: 110V, 50/60Hz
Speed Range: 4-160 RPM
Rapid Speed: 200 RPM
Max. Torque: 650 lbs/in
Dimensions:
290 x 200 x 320mm
Weight: 6.3kg

Code 302235
999.99

STEEL STAMPS

Number Stamps

Size (Inch)	Stamp	Code	Price
1/16	NP/1-16	416121	10.99/ea.
3/32	NP3-32	416122	
1/8	NP1-8	416123	
5/32	NP5-32	416124	
3/16	NP3-16	416125	
1/4	NP1-4	416126	

SAVE AT KAR

SHARPENING STONES

Aluminum Oxide & Silicon Carbide

- Coarse 120 grit and fine 150 grit in one
- Size: 1" x 2" x 6"

Aluminum Oxide ..... Code 604230
Silicon Carbide..... Code 604231

10.21/ea.

CENTER PUNCH SET

8-Piece | 4 Inch
Hardened & Tempered

Center Punch Set: 1/16 (1.5), 5/64 (2), 3/32, (2.5), 1/8 (3), 9/64 (3.5), 5/32 (4), 3/16 (5), and 7/32 (5.5)

Code 460042
39.55

PIN CHUCKS

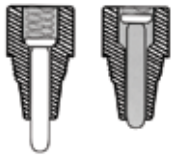
Length (Inch)	Capacity (Inch)	Code	Price
3	0 - 0.040	460181	7.25/ea.
3-1/2	0.030 - 0.062	460182	
3-3/4	0.050 - 0.125	460183	
4-1/8	0.115 - 0.187	460184	
SET: 4 Pieces: 0 - 0.187" capacity		460185	25.53

MARKING PENS

DYKEM

General Purpose (12 cc) with Patented Valve-Action

7.50/ea.



DYKEM pens are designed with a patented valve-action feature. Even when the cap is left off for a period of time, the tip can be recharged simply by pressing it against a surface, allowing the ink to flow from the reservoir. **Black - Code 219077** | **White - Code 219078** | **Yellow - Code 219079** | **Red - Code 219080** | **Blue - Code 219081** | **Orange - Code 219082** | **Green - Code 219083**

SHAVIV Exclusively Available at **KAR** in Canada

HAND DEBURRING

CERAMIX SETS Heavy Duty Handles with Ceramic Blades

SHAVIV Leading Deburring Solutions

- Adjust cutting angle between blade and material for best results and prevent scratches
- Blade can be flipped for two types of jobs

SET Q10
Heavy Duty Handle
with Ceramic Q10 Blade

Straight Edge | Flat Surface

Q10 Set
with Q10 Blade
Code 550722
29.99

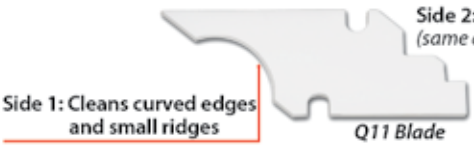
SET Q12
Heavy Duty Handle with
Curved Ceramic Q11 Blade

Straight Edge

Q12 Set
with Q11 Blade
Code 550726
29.99

Individual Ceramic Blades

Q10 Blade
Code 550723
26.99



Q11 Curved Blade
Code 550728
26.99

EXCLUSIVELY AVAILABLE FROM **KAR** IN CANADA: https://kar.ca/catalogsearch/result/index/?dir=asc&limit=45&order=relevance&q=SHAVIV

SPRING INTO SAVINGS

FULL GRIP COLLETS

For Cylindrical Shanks – DIN 6388 – OZ25 & OZ32

OZ25 COLLETS

31.15/ea.

OZ32 COLLETS

54.26/ea.

Diameter (Inch)	OZ25 Code	OZ32 Code
1/8	215201	–
3/16	215202	–
1/4	215203	215503
5/16	215204	215504
3/8	215205	215505
7/16	215206	215506
1/2	215207	215507
9/16	215208	215508
5/8	215209	215509
11/16	215210	215510
3/4	215211	215511
13/16	215212	215512
7/8	215213	215513
15/16	215214	215514
1	215215	215515
1-1/8	–	215516
1-1/4	–	215517

SLEEVES

Hardened and Ground

Starting at

10.22

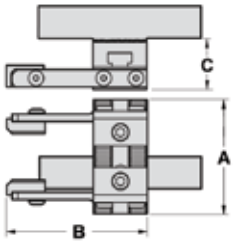
ALSO AVAILABLE IN METRIC

Size	Description	Code	Price
1 – 2	1 bore & outside fitting 2 socket	125412	10.22
1 – 3	1 bore & outside fitting 3 socket	125413	12.33
1 – 4	1 bore & outside fitting 4 socket	125414	16.08
1 – 5	1 bore & outside fitting 5 socket	125415	30.67
2 – 3	2 bore & outside fitting 3 socket	125423	12.33
2 – 4	2 bore & outside fitting 4 socket	125424	15.39
2 – 5	2 bore & outside fitting 5 socket	125425	27.95
3 – 4	3 bore & outside fitting 4 socket	125434	15.39
3 – 5	3 bore & outside fitting 5 socket	125435	27.95
4 – 5	4 bore & outside fitting 5 socket	125445	25.56
4 – 6	4 bore & outside fitting 6 socket	125446	61.16
5 – 6	5 bore & outside fitting 6 socket	125456	61.16

CNC BAR PULLERS

ROYAL PRODUCTS

Compact



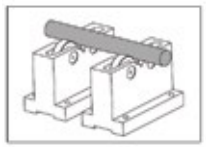
- Great for use with small CNC lathes - compact design minimizes tool interference
- Very easy to setup and use
- Unit can pull round, square, and hex stock
- Flexible heat-treated steel fingers provide strong gripping force
- Each compact bar puller includes one set of serrated jaws and one blank spindle bushing

Order insert holder and insert separately.
Additional sizes and shank styles are available.
Contact your KAR distributor for more information.

Shank (Inch)	Gripping Range (Inch)	A (Inch)	B (Inch)	C (Inch)	Code	Price
1/2 sq.	1/8 – 1-5/8	2-1/8	3-1/4	1-3/16	217050	1299.99
3/4 sq.	1/8 – 2-1/4	2-5/8	3-1/4	1-3/16	217051	1475.50
1 sq.	1/8 – 2-1/4	2-5/8	3-1/4	1-3/16	217052	1475.50
1 sq.	1/8 – 3	3-5/8	3-1/4	1-3/16	217053	1564.30

V-BLOCKS

Roller Bearing | Matched Pair

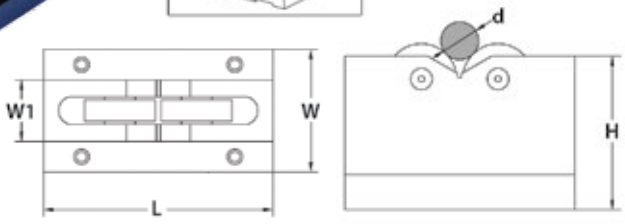


INSIZE

- Bearings prevent damage to the work piece
- Suitable for heavy work pieces (load capacity: 1100 lbs)
- Parallelism of bearings to bottom (when two v-blocks are closed): 0.0002”
- Length (L) x Width (W) x Height (H): 5.91 x 2.36 x 3.94 Inch
- d Range of Shafts: Ø0.98 to 2.76 Inch
- W1: 0.87 Inch

Code 877034

950.59



SAVE AT KAR

PRECISION LATHE CHUCKS

Steel | 2-piece Jaws | 3-Jaw Self-Centering
Plain Back – Series 3505

- Steel
- Plain back (Backplates required)
- Hardened and ground working surfaces
- Balanced scroll plate
- Chucks with 20" diameter and above have additional T-slots

Standard Accessories:
- 1 set of hard top jaws
- 1 set of hard master jaws
- 1 wrench
- 1 hex key

5 Inch
Approx. Weight: 1.57 lbs.
Code 355089
1755.96

6 Inch
Approx. Weight: 1.69 lbs.
Code 355090
1854.62

8 Inch
Approx. Weight: 1.77 lbs.
Code 355091
2234.68

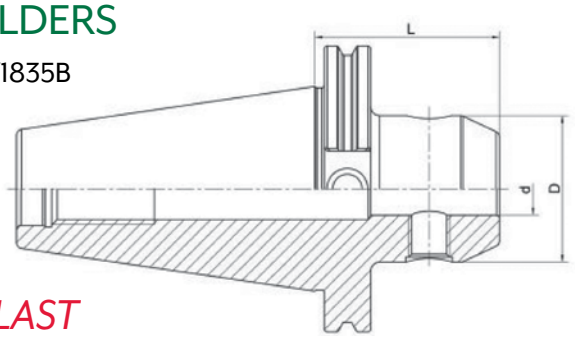
10 Inch
Approx. Weight: 2.09 lbs.
Code 355092
2638.50

12 Inch
Approx. Weight: 2.24 lbs.
Code 355093
3796.96

CAT50 END MILL HOLDERS

Coolant Through | DIN359/1835B

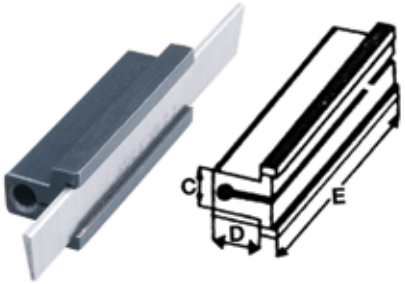
- Taper to bore runout: ≤0.005
- Coolant through spindle
- Balanced: G6.3@15,000 RPM
- DIN AD+B flange coolant



WHILE QUANTITIES LAST

Description	d (Inch)	D	L (Inch)	Code	Price
CAT50-SLA3/8"-1.38"	3/8	25.400	1.38	312509	104.93
CAT50-SLA1/2"-1.75"	1/2	31.750	1.75	312511	104.93
CAT50-SLA5/8"-1.75"	5/8	38.100	1.75	312512	104.93
CAT50-SLA3/4"-1.75"	3/4	44.450	1.75	312513	104.93
CAT50-SLA1"-2"	1	50.800	2.00	312514	104.93
CAT50-SLA1-14"-2"	1-1/4	63.500	2.00	312515	104.93
CAT50-SLA1-1/2"-2.25"	1-1/2	63.500	2.25	312517	104.93
CAT50-SLA7/16"-2.5"	7/16	28.575	2.50	312510	104.93
CV50EM050262N	1/2		2.62	312038	104.93
CAT50-SLA2"-5.37"	2	95.250	5.37	312518	122.42
CAT50-SLA1/4"-4"	1/4	19.81	4	312516	113.68

PART-OFF TOOL HOLDERS



Model	Blade Size (Inch)	Blade Reference	C (Inch)	D (Inch)	E (Inch)	HOLDER		REPLACEMENT BLADE	
						Code	Price	Code	Price
PT/1	3/32 x 1/2 x 4	180274	1/2	1/2	2-3/4	180271	15.58	180274	19.73
PT/2	3/32 x 5/8 x 5	180275	1/2	9/16	2-3/4	180272	17.60	180275	26.14
PT/3	1/8 x 3/4 x 6	180276	11/16	3/4	3-3/8	180273	24.50	180276	30.11

SPRING INTO SAVINGS

BORING BAR SETS

534319

534320

534321

534322

3-PC SET: 3/8", 1/2", 5/8"; 6 Inserts: CCMT21.51 (2) and CCMT32.52 (4); 2 Torx® Keys; 2 Spare Screws | **Code 534320** 358.96

3-PC SET: 0.315", 3/8", 1/2"; 6 Inserts: CCMT21.51; 1 Torx® Key; 1 Spare Screw | **Code 534319** 350.61

3-PC SET: 1/2", 5/8", 3/4"; 6 Inserts: CCMT32.52; 1 Torx® Key; 1 Spare Screw | **Code 534321** 368.40

5-PC SET: 0.315", 3/8", 1/2", 5/8", 3/4"; 10 Inserts: CCMT21.51 (4) and CCMT32.52 (6); 2 Torx® Keys; 2 Spare Screws | **Code 534322** 575.66

CUTTING FLUIDS

Description	Size		Price
PENETRATING FLUID Eliminate the "waiting time" when working with corroded or frozen parts. Tap Magic Penetrating Fluid works fast to save you time and money! This low viscosity fluid delivers corrosion inhibitors into the tightest of crevices quickly, breaking the bonds of rust	11 oz. Aerosol		219248 15.80
XTRA-FOAMY With the added power of EP-X3, our extra foamy cutting fluid gives you high visibility on the most difficult metals and applications.	17 oz. Aerosol		219244 21.48
EP-XTRA Ozone-friendly formula that provides outstanding performance on all cuts and all metals - even hard metals such as stainless steel. The proprietary additive, EP-Xtra, provides a synergistic boost in performance. A heavy duty and versatile formula that performs incredibly on all metals and in any operation.	1 gallon		219203 88.03
ALUMINUM Tap Magic Aluminum is the cutting fluid of choice for any work on aluminum, brass, copper, and other soft metals. Unlike some other fluids on soft metals, it will not stain the surface of the work. Providing superior performance and a micro-fine finish. Tap Magic Aluminum dissipates heat rapidly and provides closer tolerances	1 gallon		219211 95.55
PROTAP An eco-friendly cutting fluid that is totally biodegradable and can be applied to any and all cutting operations and metals. There is no operation or metal that will stand in your way with Tap Magic ProTap.	1 gallon		219219 95.46

BLUE COLOUR BAND TAPS

Spiral Point Plug Style

Size	Overall Length (Inch)	No. of Flutes	Thread Length (Inch)	Thread Limit	Code	Price
4–40	1-7/8	2	0.313	GH2	915170	6.44
6–32	2	2	0.375	GH3	915172	6.81
6–40	2	2	0.375	GH2	915174	6.44
8–32	2-1/8	2	0.375	GH3	915176	6.81
10–24	2-3/8	2	0.500	GH3	915178	6.81
10–32	2-3/8	2	0.500	GH3	915180	6.81
12–24	2-3/8	2	0.500	GH3	915182	7.88
1/4–20	2-1/2	2	0.625	GH3	915184	7.88
1/4–28	2-1/2	3	0.625	GH3	915186	7.88
5/16–18	2-23/32	2	0.688	GH3	915188	10.45
5/16–24	2-23/32	3	0.688	GH3	915190	10.45
3/8–16	2-15/16	3	0.750	GH3	915192	10.67
3/8–24	2-15/16	3	0.750	GH3	915194	10.67
7/16–14	3-5/32	3	0.875	GH3	915196	17.06
7/16–20	3-5/32	3	0.875	GH3	915198	17.06
1/2–13	3-3/8	3	0.938	GH3	915200	19.21
1/2–20	3-3/8	3	0.938	GH3	915202	19.21
5/8–11	3-13/16	3	1.094	GH3	915204	19.73
5/8–18	3-13/16	3	1.094	GH3	915206	19.73
3/4–10	4-1/4	3	1.219	GH3	915208	27.90
3/4–16	4-1/4	3	1.219	GH3	915210	27.90
7/8–9	4-11/16	3	1.344	GH4	915212	60.46
7/8–14	4-11/16	3	1.344	GH4	915214	60.46
1–8	5-1/8	3	1.500	GH4	915216	81.95
1–12	5-1/8	3	1.500	GH4	915218	81.95

SAVE AT KAR

JOBBER LENGTH DRILLS

Metric & Inch | General Purpose | High Speed Steel - Black Oxide Finish

- 118° point
- Oxide finish creates a porous layer that holds cutting oil which provides abrasion resistance and improved chip flow

Metric

Size (mm)	Decimal Equiv. (Inch)	LOC (Inch)	OAL (Inch)	Code	Price
0.50	0.0197	3/16	7/8	615427	2.26
0.55	0.0217	1/4	1	615428	2.57
0.60	0.0236	5/16	1-1/8	615429	2.85
0.65	0.0256	3/8	1-1/4	615430	2.83
0.70	0.0276	3/8	1-1/4	615431	2.57
0.75	0.0295	1/2	1-3/8	615432	1.82
0.80	0.0315	1/2	1-3/8	615433	2.08
0.85	0.0335	5/8	1-1/2	615434	2.08
0.90	0.0355	5/8	1-1/2	615435	2.08
0.95	0.0374	5/8	1-1/2	615436	1.96
1.00	0.0394	11/16	1-5/8	615437	1.61
1.05	0.0413	11/16	1-5/8	615438	1.74
1.10	0.0433	3/4	1-3/4	615439	1.61
1.15	0.0453	3/4	1-3/4	615440	1.79
1.20	0.0472	7/8	1-7/8	615441	1.79
1.25	0.0492	7/8	1-7/8	615442	1.44
1.30	0.0512	7/8	1-7/8	615443	1.48
1.35	0.0531	7/8	1-7/8	615444	1.44
1.40	0.0551	7/8	1-7/8	615445	1.56
1.45	0.0571	7/8	1-7/8	615446	1.56
1.50	0.0591	7/8	1-7/8	615447	1.27
1.55	0.0610	7/8	1-7/8	615448	1.53
1.60	0.0630	7/8	1-7/8	615449	1.53
1.65	0.0650	1	2	615450	2.95
1.70	0.0669	1	2	615451	1.53
1.75	0.0689	1	2	615452	1.39
1.80	0.0709	1	2	615453	1.36
1.85	0.0728	1	2	615454	1.27
1.90	0.0748	1	2	615455	1.22
1.95	0.0768	1	2	615456	1.22
2.00	0.0787	1	2-1/8	615457	1.19
2.05	0.0807	1-1/8	2-1/8	615458	1.36
2.10	0.0827	1-1/8	2-1/8	615459	1.19
2.15	0.0846	1-1/8	2-1/8	615460	2.41
2.20	0.0866	1-1/4	2-1/4	615461	1.36
2.25	0.0886	1-1/4	2-1/4	615462	1.07
2.30	0.0906	1-1/4	2-1/4	615463	2.87
2.35	0.0925	1-1/4	2-1/4	615464	2.95
2.40	0.0945	1-3/8	2-3/8	615465	1.56
2.45	0.0965	1-3/8	2-3/8	615466	1.44
2.50	0.0984	1-3/8	2-3/8	615467	2.68
2.60	0.1024	1-7/16	2-1/2	615468	1.36
2.70	0.1063	1-7/16	2-1/2	615469	1.56
2.75	0.1083	1-1/2	2-5/8	615470	3.15
2.80	0.1102	1-1/2	2-5/8	615471	1.53
2.90	0.1142	1-5/8	2-3/4	615472	1.39
3.00	0.1181	1-5/8	2-3/4	615473	1.19
3.10	0.1220	1-5/8	2-3/4	615474	1.36
3.20	0.1260	1-5/8	2-3/4	615475	1.27
3.25	0.1280	1-5/8	2-3/4	615476	1.27
3.30	0.1299	1-3/4	2-7/8	615477	2.95
3.40	0.1339	1-3/4	2-7/8	615478	1.64
3.50	0.1378	1-3/4	2-7/8	615479	1.36
3.60	0.1417	1-7/8	3	615480	1.64
3.70	0.1457	1-7/8	3	615481	1.64
3.75	0.1476	1-7/8	3	615482	1.56
3.80	0.1496	1-7/8	3	615483	1.70
3.90	0.1535	2	3-1/8	615484	1.88
4.00	0.1575	2-1/8	3-1/4	615485	1.48
4.10	0.1614	2-1/8	3-1/4	615486	1.70
4.20	0.1654	2-1/8	3-1/4	615487	1.70
4.25	0.1673	2-1/8	3-1/4	615488	1.70
4.30	0.1693	2-1/8	3-1/4	615489	2.26
4.40	0.1732	2-3/16	3-3/8	615490	2.00
4.50	0.1772	2-3/16	3-3/8	615491	1.74
4.60	0.1811	2-3/16	3-3/8	615492	2.26
4.70	0.1850	2-5/16	3-1/2	615493	5.31
4.75	0.1870	2-5/16	3-1/2	615494	2.00
4.80	0.1890	2-5/16	3-1/2	615495	2.26
4.90	0.1929	2-7/16	3-5/8	615496	2.14
5.00	0.1968	2-7/16	3-5/8	615497	1.82

Inch

Size (Inch)	Decimal Equiv. (Inch)	LOC (Inch)	OAL (Inch)	Code	Price
1/64	0.0156	3/16	3/4	752002	5.99
1/32	0.0312	1/2	1-3/8	752003	2.69
3/64	0.0469	3/4	1-3/4	752004	1.86
1/16	0.625	7/8	1-7/8	752005	1.77
5/64	0.0781	1	2	752006	1.77
3/32	0.0938	1-1/4	2-1/4	752007	1.77
7/64	0.1094	1-1/2	2-5/8	752008	1.88
1/8	0.1250	1-5/8	2-3/4	752009	1.86
9/64	0.1406	1-3/4	2-7/8	752010	2.08
5/32	0.1562	2	3-1/8	752011	2.13
11/64	0.1719	2-1/8	3-1/4	752012	2.24
3/16	0.1875	2-5/16	3-1/2	752013	2.61
13/64	0.2031	2-7/16	3-5/8	752014	2.82
7/32	0.2188	2-1/2	3-3/4	752015	3.12
15/64	0.2344	2-5/8	3-7/8	752017	3.35
1/4 or E	0.2500	2-3/4	4	752020	3.67
17/64	0.2656	2-7/8	4-1/8	752023	4.39
9/32	0.2812	2-15/16	4-1/4	752028	4.56
19/64	0.2969	3-1/16	4-3/8	752031	5.01
5/16	0.3125	3-3/16	4-1/2	752033	5.80
21/64	0.3281	3-5/16	4-5/8	752036	6.43
11/32	0.3438	3-7/16	4-3/4	752039	7.33
23/64	0.3594	3-1/2	4-7/8	752042	8.20
3/8	0.3750	3-5/8	5	752044	8.42
25/64	0.3906	3-3/4	5-1/8	752047	9.71
13/32	0.4062	3-7/8	5-1/4	752050	10.04
27/64	0.4219	3-15/16	5-3/8	752052	11.08
7/16	0.4375	4-1/16	5-1/2	752053	11.59
29/64	0.4531	4-3/16	5-5/8	752054	13.00
15/32	0.4688	4-5/16	5-3/4	752055	13.75
31/64	0.4844	4-3/8	5-7/8	752056	14.45
1/2	0.5000	4-1/2	6	752057	14.72
33/64	0.5156	4-13/16	6-5/8	752058	27.93
17/32	0.5312	4-13/16	6-5/8	752059	29.21
35/64	0.5469	4-13/16	6-5/8	752060	31.64
9/16	0.5625	4-13/16	6-5/8	752061	33.12
37/64	0.5781	4-13/16	6-5/8	752062	33.25
19/32	0.5938	5-3/16	7-1/8	752063	34.09
39/64	0.6094	5-3/16	7-1/8	752064	37.47
5/8	0.6250	5-3/16	7-1/8	752065	36.61
41/64	0.6406	5-3/16	7-1/8	752066	38.73
21/32	0.6562	5-3/16	7-1/8	752067	38.72
43/64	0.6719	5-5/8	7-5/8	752068	45.45
11/16	0.6875	5-5/8	7-5/8	752069	44.41
23/32	0.7188	5-5/8	7-5/8	606583	46.85
3/4	0.7500	5-5/8	7-5/8	606584	49.67

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SPRING INTO SAVINGS

SAVE MONEY BY RESHARPENING YOUR DULL DRILLS

DRILL RESHARPENING MACHINES

For High Speed Steel, Cobalt and Carbide Straight Shank Drills

Using a patented design, with any standard precision ER collet for clamping and optimum drill alignment, these machines are simple to use with just three easy steps. Just set the drill in the collet, grind the taper relief angle and grind the web thinning angle to reduce the center point width - and DONE! Anyone can use these machines to resharpen dull drills SAVING YOU MONEY!

- Grind HSS, cobalt and carbide straight shank drills from 2-26 mm *(Carbide grinding wheel optional)*
- Reduce wear with double-bearing grinding unit
- Precision drill tightening fixture
- Adjustable 85° to 140° point angle

Model DM-213
Code 620001

2-13 mm **1572.62**

12-26 mm

Model DM-1226
Code 620002

3601.42

	MODEL DM-213 Code 620001	MODEL DM-1226 Code 620002
DRILL DIAMETER	2 - 13 mm	12 - 26 mm
POINT ANGLE	85°-140°	
POWER SUPPLY	110V	
MOTOR	150 W	373 W
RPM	6000	4000
WEIGHT	10 kg	29 kg
DIMENSIONS | L X W X H	305 x 172 x 180 mm	470 x 260 x 235 mm
ER COLLETS INCLUDED	12 pcs. ER20 2.5 mm - 13 mm	15 pcs. ER40 12 mm - 26 mm
CBN DIAMOND WHEEL	1 pc. #200 (HSS drill)	1 pc. #150 (HSS drill)
HEXAGON WRENCH	4 mm and 5 mm	4 mm and 6 mm

HSS & Carbide replacement grinding wheels available

These products evaluated to the model code SPE-1000 by the Electrical Safety Authority

LED MACHINE LAMPS

- 12W LED lamp (6 x 2W LEDs)
- Coolant proof – IP65
- Standard light beam angle: 60°
- Impact resistant clear lens
- Supplied with 1.8 meter power connection cord
- Expected lamp life of 40,000 hours
- Handle on head allows easy positioning
- Working temperature range: -30°C to +60°C

JWL-55RS *JWL-55RM* *JWL-55RL*

JWL-55NTS *JWL-55RNTM* *JWL-55RNTL*

LED DRIVER IN LAMP HEAD

- Low voltage power AC24V or DC24V without plug

JWL-55RS – Short
Code 302995
268.05

JWL-55RM – 18"
Code 302996
280.98

JWL-55RL – 32"
Code 302997
286.08

LED Replacement Assembly
6 LED's with reflector in one unit
Code 302998
77.46

LED DRIVER IN BASE

- High voltage power 100V-260V with plug

JWL-55NTS – Short
Code 302992
277.08

JWL-55NTM – 18"
Code 302993
289.55

JWL-55NTL – 32"
Code 302994
295.08

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Offer valid until June 30th, 2023

**Products shown may not be exactly as illustrated*

Code 000323