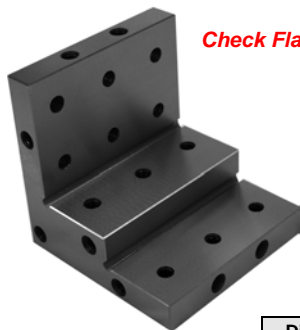


MEASURING TOOLS-1-2-3 BLOCKS, PROTRACTORS

C

ANGLE PLATES



Check Flatness, Squareness And Parallelism!

- Manufactured from a single piece of hardened tool steel
- Precision ground, square and parallel
- Flatness: within .0002"
- 24 tapped holes (1/4"-20 thread) for clamping work and fastening fixtures to plate

D

Dimensions	Part Number	Price
3" x 3" x 3"	PLT-333	\$60.00

12 PIECE ANGLE BLOCK SET



FEATURES:

- Precision ground hardened steel.
- Angular accuracy .0001" per inch, + or - 30 arc seconds.
- 3" long x 1/4" thick.
- Simple, quick angle set-ups.
- Eliminates calculations and avoids errors.
- Complete set of 12 blocks: 1/4°, 1/2°, 1°, 2°, 3°, 4°, 5°, 10°, 15°, 20°, 25°, 30°.

Part Number	Price
FOW-S53-666-000	\$72.75

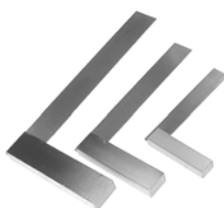
SQUARE SETS

- Made of the finest carbon tool steel, these economy squares have true right angles both inside and outside.
- Beams and blades ground and lapped for straightness and parallelism.
- Hardened blade.
- Beam grooved at inner corner for clearance of burrs and dirt.
- Complete in a shop-hardened molded case.



Set Includes	PEC	Price	FWLER	Price
3 Squares: 2", 4" & 6"	-	-	FOW-T52-432-444	\$44.00
4 Squares: 2", 3", 4" & 6"	PEC-7000-S4	\$43.60	FOW-T52-432-246	\$49.95
4 Squares: 4", 6", 9" & 12"	PEC-7000-S5	\$95.98	FOW-T52-432-469	\$94.95

MACHINIST STEEL SQUARES



FEATURES:

- Crafted from fully seasoned tool steel
- Accurate right angles both inside and out
- Fully hardened
- Beam ground and lapped

Size	Beam	Part Number	Price
6"	4"	A-4901-0604	\$14.99
9"	6"	A-4901-0906	\$36.99
12"	8"	A-4901-1208	\$47.99
4 Pc Set (2", 3", 4" & 6")		A-4901-0014	\$36.00

PROTRACTORS

- Made from durable 1/4" aluminum with Teflon™ "O" ring for smooth and precise operation
- Available in 7" and 12" models. While different in appearance, the 7" model has the identical dial and functions as the 12" model



A



7" Protractor

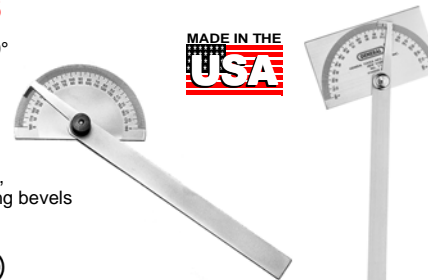


12" Protractor

Set Includes	Part Number	Price
7" Protractor/Miter	STR-11677	\$48.00
12" Protractor/Miter	STR-67752	\$58.00

PROTRACTORS

- Measures angles from 0-180°
- Head measures 3-5/16" x 2"
- Blade secured firmly by lock nut at any angle
- Made of tempered steel with satin chrome finish
- Used for drawing radial lines, transferring angles and setting bevels



GENERAL

Style	Description	PEC		GENERAL	
		Part Number	Price	Part Number	Price
Rectangle	6" Arm	PEC-5170	\$17.41	GEN-22018-9	\$15.66
Semi-Circle	6" Arm	PEC-5180	\$17.41	GEN-22024-0	\$16.20
Rectangle	6" Graduated Rule	PEC-5190	\$20.32	-	-

ELECTRONIC PROTRACTOR



Electronic Protractor

- Hardened stainless steel
- Range selection: 1x360°, 2x180°, 4x90°
- Dual reading LCD display arc minutes/decimal degrees
- Preset function, fine adjustment
- 6" and 12" blades and acute angle attachment included
- RS-232 output.
- Measuring range: 0-360°
- Resolution: 30"
- Accuracy: ±5'

Style	Part Number	Price
Electronic	FOW-S54-440-750	\$227.00

MULTI-USE RULE AND GAGE



- Performs 5 separate functions: drill point gage, bevel protractor, center finder circle divider & 4" rule
- Crafted of long-wearing stainless steel
- 4" rule has etched graduations in 64ths and millimeters
- Also features tap and drill table



Part Number	Price
GEN-22015-8	\$10.88

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527

LATHE CHUCKS
LIVE CENTERS

VICE JAWS
VICE ACCESSORIES

STRAIGHT SHANK
COLLET HOLDERS

LATHE BUSHINGS
DRILL CHUCKS

CARBIDE INSERTS
THREADING/GROOVING

CUTTING TOOLS
MACHINERY

PRECISION TOOLS
DEBURRING

COOLANT/LUIDS
TOOL STORAGE

MEASURING TOOLS-FLEXIBLE & RIGID STEEL RULES



RULES

Graduations:
4R: 8ths, 16ths, 32nds, 64ths
5R: 32nds, 64ths, 10ths, 100ths

EZ-Read Black Face Rules
 • Hardened stainless steel
 • White easy-to-read micro-fine graduations against a black, non-glare finish



Satin Chrome Rules
 • Tempered steel
 • Non-glare
 • Sharp, easy-to-read micro-fine graduations



Golden Rules
 • Titanium coated for superior wear resistance
 • Glare finish=RC80
 • Scratch resistant microfine graduations with excellent clarity and contrast



RIGID STEEL RULES

Size	Reading	Finish	Part Number	Price
6"	4R	Satin Chrome	FOW-S52-330-006	\$8.60
		Black	FOW-S52-337-006	\$6.25
		Golden	FOW-S52-339-006	\$17.25
12"	4R	Satin Chrome	FOW-S52-330-012	\$14.60
		Black	FOW-S52-337-012	\$10.70
		Golden	FOW-S52-339-012	\$33.80
6"	5R	Satin Chrome	FOW-S52-340-006	\$7.55
		Black	FOW-S52-347-006	\$6.25
		Golden	FOW-S52-349-006	\$17.25
12"	5R	Satin Chrome	FOW-S52-340-012	\$14.60
		Black	FOW-S52-347-012	\$10.95
		Golden	FOW-S52-349-012	\$33.80

FLEXIBLE STEEL RULES

Size	Reading	Finish	Part Number	Price
6"	4R	Satin Chrome	FOW-S52-295-006	\$7.05
		Black	FOW-S52-297-006	\$5.75
		Golden	FOW-S52-299-006	\$17.70
12"	4R	Satin Chrome	FOW-S52-295-012	\$13.00
		Black	FOW-S52-297-012	\$9.90
		Golden	FOW-S52-299-012	\$31.20
6"	5R	Satin Chrome	FOW-S52-300-006	\$7.05
		Black	FOW-S52-307-006	\$5.75
		Golden	FOW-S52-309-006	\$17.70
12"	5R	Satin Chrome	FOW-S52-300-012	\$13.00
		Black	FOW-S52-307-012	\$9.90
		Golden	FOW-S52-309-012	\$31.20

FLEX/RIGID RULES

- Made from the finest stainless steel available
- All rules fully hardened and tempered
- Precisely etched, then white filled for readability
- Black chrome finish

Graduation Styles:
3R: 32nds, 64ths, 10ths, 50ths
4R: 8ths & 16ths, 32nds & 64ths
5R: 32nds, 64ths, 10ths, 100ths
16R: 32nds & 64ths, 50ths & 100ths
Metric: mm & 0.5mm both sides
English/Metric: 0.5mm & 32nds, mm & 64ths



FLEX RULES-CHROME

Length	Style	Width	Part Number	Price
6"	4R	1/2	PEC-401-006	\$7.28
12"	4R	1/2	PEC-401-012	\$14.07
24"	4R	3/4	PEC-401-024	\$30.56
36"	4R	3/4	PEC-401-036	\$67.85
48"	4R	3/4	PEC-401-048	\$112.47
6"	5R	1/2	PEC-501-006	\$7.28
12"	5R	1/2	PEC-501-012	\$14.07
24"	5R	3/4	PEC-501-024	\$30.56
36"	5R	3/4	PEC-501-036	\$67.85
48"	5R	3/4	PEC-501-048	\$112.47
6"	16R	1/2	PEC-161-006	\$7.28
12"	16R	1/2	PEC-161-012	\$14.07
24"	16R	3/4	PEC-161-024	\$30.56
36"	16R	3/4	PEC-161-036	\$67.85
48"	16R	3/4	PEC-161-048	\$112.47
6"	3R	1/2	PEC-301-006	\$7.28
12"	E/M	1/2	PEC-261-006	\$7.28
12"	E/M	1/2	PEC-261-012	\$14.07

CERTIFIED

Length	Style	Width	Part Number	Price
6"	4R	1/2	PEC-401-006CT	\$19.35
	5R	1/2	PEC-501-006CT	\$19.35

TIN COATED

Length	Style	Width	Part Number	Price
6"	4R	1/2	PEC-401-006TN	\$13.10
	5R	1/2	PEC-501-006TN	\$13.10

RIGID RULES-CHROME

Length	Style	Width	Part Number	Price
6"	4R	3/4	PEC-402-006	\$7.71
12"	4R	1	PEC-402-012	\$15.47
24"	4R	1-1/8	PEC-402-024	\$31.96
36"	4R	1-1/4	PEC-402-036	\$73.67
48"	4R	1-1/4	PEC-402-048	\$116.35
6"	5R	3/4	PEC-502-006	\$7.71
12"	5R	1	PEC-502-012	\$15.47
24"	5R	1-1/8	PEC-502-024	\$31.96
36"	5R	1-1/4	PEC-502-036	\$73.67
48"	5R	1-1/4	PEC-502-048	\$116.35
6"	16R	3/4	PEC-162-006	\$7.71
12"	16R	1	PEC-162-012	\$15.47
24"	16R	1-1/8	PEC-162-024	\$31.96
36"	16R	1-1/4	PEC-162-036	\$73.67
48"	16R	1-1/4	PEC-162-048	\$116.35
6"	3R	3/4	PEC-302-006	\$7.71
	E/M	3/4	PEC-262-006	\$7.71
12"	E/M	1	PEC-262-012	\$15.47

CERTIFIED

Length	Style	Width	Part Number	Price
6"	4R	3/4	PEC-402-006CT	\$19.35
	5R	3/4	PEC-502-006CT	\$19.35
24"	4R	1-1/8	PEC-402-024CT	\$54.27
	5R	1-1/8	PEC-502-024CT	\$54.27

MAGNETIC

Length	Style	Width	Part Number	Price
6"	4R	3/4	PEC-402-006MG	\$11.59
12"	4R	1	PEC-402-012MG	\$21.83
6"	5R	3/4	PEC-502-006MG	\$11.59
12"	5R	1	PEC-502-012MG	\$21.83

TIN COATED

Length	Style	Width	Part Number	Price
6"	4R	3/4	PEC-402-006TN	\$13.10
	5R	3/4	PEC-502-006TN	\$13.10



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CHUCK JAWS
LATHE WORKHOLDING

MACHINE VISES
MAGNETIC CHUCKS

RETENTION KNOBS
ER, DA, TG COLLETS

TOOLHOLDERS
TAP HOLDERS

INDEXABLE DRILLS
TURNING & BORING

ENDMILLS, DRILLS
TAPS & REAMERS

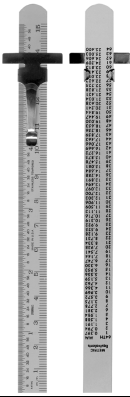
ABRASIVES
MEASURING TOOLS

MRO & SAFETY
FLAT STOCK/DRILL ROD

RULES, SQUARES & GAGES

C

6" POCKET STEEL RULES



- Stainless steel finish
- Rounded edge prevents damage to shirt pocket
- Supplied with pocket clip
- Fully hardened and tempered
- Precisely etched then black filled for readability.

Graduations	Width	Part Number	Price
32nds & 64ths	.500	PEC-7202-SS6	\$2.18
64ths & mm	.500	PEC-7203-SS6	\$2.18
64th & mm	.470	FOW-S52-380-100	\$4.95



HOOK RULES

- Hardened and Tempered Tool Steel
- Thickness .040"
- Hard Chrome Finish, No Glare
- Furnished with Adjustable Hook



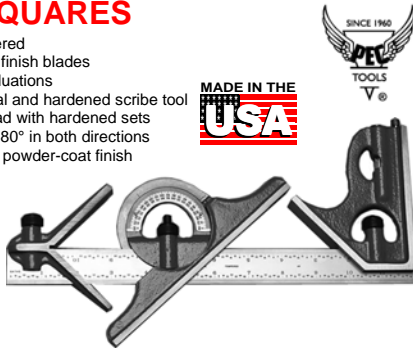
Length	Width	Part Number	Price
6"	3/4"	PEC-402-H06	\$13.53
12"	1"	PEC-402-H12	\$19.35
18"	1-1/8"	PEC-402-H18	\$29.05
24"	1-1/8"	PEC-402-H24	\$38.75

COMBINATION SQUARES

- All blades fully hardened and tempered
- Durable, easy to read satin chrome finish blades
- High contrast, micro-fine blade graduations
- Square/Miter head features level vial and hardened scribe tool
- Reversible (full-body) protractor head with hardened sets
- Protractor scale graduated from 0-180° in both directions
- Heads supplied with a hammertone powder-coat finish

Includes:
Machinist's Blade
Square/Miter Head
Protractor Head
Center Head

Graduation Styles:
4R: 8ths & 16ths, 32nds & 64ths
16R: 32nds & 64ths, 50ths & 100ths



DOUBLE SQUARES

- Idea for Precision Layout Work
- Used Either as a Parallel or Double Square
- All Blades Fully Hardened and Tempered

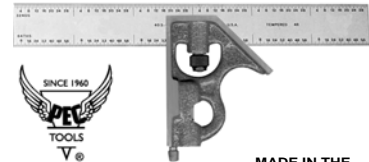


Blade Length	Blade Style	Part Number	Price
4"	4R	PEC-7104-404	\$28.08
	16R	PEC-7104-164	\$28.08
6"	4R	PEC-7105-406	\$30.56
	16R	PEC-7105-166	\$30.56



CARPENTER SQUARES

- All blades tempered
- Durable, easy to read chrome finished blades
- High contrast blade graduations
- Square/Miter head features level vial and hardened scribe tool
- Heads supplied with a hammertone powder-coat finish



Length	Graduations	Part Number	Price
12"	8ths, 16ths, & 16ths, 32nds	PEC-7110	\$19.35

DRIVE PIN PUNCHES

- Made of tool steel
- Black oxide finish for rust prevention
- Knurled body for better grip
- Hardened both ends, Rc 45 to 52
- Points precision ground
- 4" Length 1/16" dia punch 3" long
- Set supplied in fitted case



Drive Pin

Center

Long Drive Pin



Type	Length	No. Of Pieces	Includes	PEC	Price	GENERAL	Price
Center	4"	5	1/16", 5/64", 3/32", 9/64", 5/32"	PEC-6200-005	\$9.65	GEN-31018-7	\$15.99
Drive Pin	4"	8	1/16", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16"	PEC-6300-008	\$16.44	GEN-31032-3	\$30.53
Long Drive Pin	8"	5	1/8", 3/16", 1/4", 5/16", 3/8"	PEC-6301-058	\$16.44	GEN-31050-7	\$28.54

AUTOMATIC CENTER PUNCHES



- Punches, marks, scribes and starts drill, nail or screw holes
- One-hand spring impact operation-no hammer needed
- Ball bearing action
- Lightweight aluminum body with long wearing alloy steel parts
- Hardened steel point



OAL	Body Length	Shank Dia	Point Dia	Tip Dia	Part Number	Price
5"	3-15/16"	1/2"	5/32	.070"	GEN-22339-5	\$11.99

OPTICAL CENTER PUNCH

Layout and drill hole patterns easily and accurately! Operator scribes lines in usual manner, locates the Optical Center Punch over the work, adjusts it until centered and then removes the optical pilot. He then inserts the punch in the previous position of the optical head, taps the punch with a hammer and punch mark is then drilled!

Set Contains:

- Precision guide base with scratch protection
- 2 spotting lenses: 1 with center dot and circle and 1 with cross-hair for easily lining up punch as close as +/- .001"
- 60° & 120° center punches made of hardened tool steel
- Wooden case



Part # FXB-14517
\$47.50

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LATHE CHUCKS
LIVE CENTERS

VICE JAWS
VICE ACCESSORIES

STRAIGHT SHANK
COLLET HOLDERS

LATHE BUSHINGS
DRILL CHUCKS

CARBIDE INSERTS
THREADING/GROOVING

CUTTING TOOLS
MACHINERY

PRECISION TOOLS
DEBURRING

COOLANT/FLUIDS
TOOL STORAGE