

PRECISION BRAND PRODUCTS, INC.Hose Clamps
Collared Screw

- 3/8" safety collared, head screw eliminates danger of screw driver slipping and damaging the hose
- The combination collared and hex-head screw can be used with blade type and nut drivers as well as socket wrenches
- 9/16" band offers greater sealing area
- 9/16" 300 series stainless steel band and housing
- 3/8" zinc plated carbon steel, collared, hex-head screw



Mfg Part#	Clamp No.	Min Dia. (in.)	Max Dia. (in.)	Min Dia. (mm)	Max Dia. (mm)
47941	CS6H	3/8	7/8	10	22
47942	CS8H	7/16	1	11	25
47943	CS10H	1/2	1-1/8	13	28
47944	CS12H	1/2	1-1/4	13	32
47945	CS16H	3/4	1-1/2	19	38
47946	CS20H	3/4	1-3/4	19	44
47947	CS24H	1	2	26	50
47948	CS28H	1-5/16	2-1/4	34	57
47949	CS32H	1-9/16	2-1/2	40	64
47950	CS36H	7/8	2-3/4	23	70
47951	CS40H	1-1/8	3	29	76
47952	CS44H	1-5/16	3-1/4	34	82
47953	CS48H	1-5/8	3-1/2	42	90
47954	CS52H	1-7/8	3-3/4	48	95
47955	CS56H	2-1/8	4	54	100

PRECISION BRAND PRODUCTS, INC.Hose Clamps
Critical Connection

- Short housing saddle is weld free and keyed into the band
- The smooth form evens the pressure around the hose
- Pressed tooth form and rounded, raised band edges prevent damage to the hose
- More efficient sealing at lower torque

Standard Series:

- 9mm band & housing are 400 series stainless steel
- 6mm screw is zinc plated carbon

Miniature Series:

- Band and housing are stainless steel
- 5mm slotted hex head screw is zinc plated carbon



Mfg Part#	Min Dia. (in.)	Max Dia. (in.)	Min Dia. (mm)	Max Dia. (mm)
47000	1/2	11/16	12	18
47070	5/16	5/8	8	16
47125	1/2	3/4	12	20
47155	5/8	1-1/16	16	25
47185	5/8	1	16	27
47215	3/4	1-1/4	20	32
47245	1	1-5/8	25	40
47275	1-3/16	1-3/4	30	45
47305	1-1/4	2	32	50
47325	1-5/8	2-3/8	40	60
47365	2	2-3/4	50	70

PRECISION BRAND PRODUCTS, INC.Hose Clamps
Create-A-Clamp

- A quick, easy way to solve almost any clamping problem
- Allows you to economically mount, secure or position as you would with ordinary worm drive clamps in a maintenance environment
- Made of a 300 series stainless steel band, housing and adjustable splices
- The 5/16" hex head screw is made of 400 series stainless steel



Mfg Part#	Desc.
41500	Set with 50ft. banding, 20 fasteners, 10 splices
41600	Set with 50ft. banding, 50 fasteners, 10 splices
41100	50ft. banding
41610	10 splices
41620	20 fasteners

PRECISION BRAND PRODUCTS, INC.Hose Clamps
Miniature Series

- Small enough to install in tight spaces
- Strong enough to give tight, lasting seal that won't shake loose
- Applications include: hose and tubing, fuel lines, air lines and fluid lines

M-P Series Partial Stainless: The 5/16" band is made of a 300 series stainless steel, and the housing and 1/4" hex head screw are made from a plated carbon steel.

M-S Series All Stainless: The 5/16" band and housing are made of a 300 series stainless steel with a 400 series 1/4" hex head screw.



Mfg Part#	Clamp No.	Min Dia. (in.)	Max Dia. (in.)	Min Dia. (mm)	Max Dia. (mm)	Std. Carton (lbs./100)	Weight
M-P Series Partial Stainless							
33000	M4P	7/32	5/8	5.6	15.9	500	2
33030	M6P	5/16	7/8	7.9	22.2	500	2
33070	M8P	7/16	1	11.1	25.4	500	2
33100	M10P	1/2	1-1/16	12.7	27.0	500	2
33150	M12P	9/16	1-1/4	14.3	31.8	500	2
33200	M16P	11/16	1-1/2	17.5	38.1	500	2
33250	M20P	7/8	1-3/4	22.2	44.5	500	2
M-S Series All Stainless							
33010	M4S	7/32	5/8	5.6	15.9	500	2
33040	M6S	5/16	7/8	7.9	22.2	500	2
33080	M8S	7/16	1	11.1	25.4	500	2
33110	M10S	1/2	1-1/16	12.7	27.0	500	2
33160	M12S	9/16	1-1/4	14.3	31.8	500	2
33210	M16S	11/16	1-1/2	17.5	38.1	500	2
33260	M20S	7/8	1-3/4	22.2	44.5	500	2

PRECISION BRAND PRODUCTS, INC.

Hose Clamps

9/16" Band - Heavy Duty

3-Piece

- 9/16" band offers greater sealing area
- One-piece, spot weld free housing
- Wide range of applications including automotive, plumbing, and heavy duty industrial

Partial Stainless:

- 9/16" band & housing are 200/300 series stainless steel
- 5/16" zinc plated carbon steel hex head screw

HD-S Series All 300 Stainless:

- 9/16" band & housing are 300 series stainless steel
- 5/16" hex head screw is 300 series stainless steel



Mfg Part#	Clamp No.	Min Dia. (in.)	Max Dia. (in.)	Min Dia. (mm)	Max Dia. (mm)
Partial Stainless					
47921	HD10H	9/16	1-1/16	14.3	27.0
47922	HD12H	9/16	1-1/4	14.3	31.7
47923	HD16H	11/16	1-1/2	17.5	38.1
47924	HD20H	3/4	1-3/4	19.0	44.4
47925	HD24H	1-1/16	2	27.0	50.8
47926	HD28H	1-5/16	2-1/4	33.3	57.1
47927	HD32H	1-9/16	2-1/2	39.7	63.5
47928	HD36H	1-13/16	2-3/4	46.0	69.8
47929	HD40H	2-1/16	3	52.4	76.2
47930	HD44H	2-5/16	3-1/4	58.7	82.5
47931	HD48H	2-9/16	3-1/2	65.1	88.9
47932	HD52H	2-13/16	3-3/4	71.4	95.2
47933	HD56H	3-1/16	4	77.8	101.6
47934	HD64H	2-1/2	4-1/2	63.5	114.3
47935	HD72H	3	5	76.2	127.0
47936	HD80H	3-1/2	5-1/2	88.9	139.7
47937	HD88H	4	6	101.6	152.4
47938	HD96H	4-1/2	6-1/2	114.3	165.1
47939	HD104H	5	7	127.0	177.8

All Stainless

47809	HD6S	3/8	7/8	10.0	22.0
47810	HD8S	7/16	1	11.0	25.0
47811	HD10S	9/16	1-1/16	14.3	27.0
47812	HD12S	9/16	1-1/4	14.3	31.7
47813	HD16SC	11/16	1-1/2	17.5	38.1
47814	HD20S	3/4	1-3/4	19.0	44.4
47815	HD24S	1-1/16	2	27.0	50.8
47816	HD28S	1-5/16	2-1/4	33.3	57.1
47817	HD32S	1-9/16	2-1/2	39.7	63.5
47818	HD36S	1-13/16	2-3/4	46.0	69.8
47819	HD40S	2-1/16	3	52.4	76.2
47820	HD44S	2-5/16	3-1/4	58.7	82.5
47821	HD48S	2-9/16	3-1/2	65.1	88.9
47822	HD52S	2-13/16	3-3/4	71.4	95.2
47823	HD56S	3-1/16	4	77.8	101.6
47824	HD64S	2-1/2	4-1/2	63.5	114.3
47825	HD72S	3	5	76.2	127.0
47826	HD80S	3-1/2	5-1/2	88.9	139.7
47827	HD88S	4	6	101.6	152.4
47828	HD96S	4-1/2	6-1/2	114.3	165.1
47829	HD104H	5	7	127.0	177.8

PRECISION BRAND PRODUCTS, INC.

Hose Clamps

9/16" Band - Heavy Duty

4-Piece

- 9/16" band width offers greater sealing area
- 5/16" slotted hex head screw
- 300 series stainless steel band, housing and screw
- Heavy duty, four-piece construction
- Two-piece, mechanical interlock housing
- Allows 80 inch pounds of torque
- Wide range of applications including marine, plumbing, agricultural and heavy duty industrial



Mfg Part#	PBP No.	Min Dia. (in.)	Max Dia. (in.)	Min Dia. (mm)	Max Dia. (mm)
47045	HD6SN	7/16	7/8	11	22
47046	HD8SN	7/16	1	11	25
47047	HD10SN	1/2	1-1/8	13	29
47048	HD12SN	5/8	1-1/4	16	32
47049	HD16SN	3/4	1-1/2	19	38
47050	HD20SN	7/8	1-3/4	22	44
47051	HD24SN	1-1/8	1-15/16	29	49
47052	HD28SN	1-3/8	2-3/16	36	56
47053	HD32SN	1-5/8	2-7/16	42	62
47054	HD36SN	1-7/8	2-11/16	48	68
47055	HD40SN	2-1/8	2-15/16	55	75
47056	HD44SN	2-3/8	3-3/16	61	81
47057	HD48SN	2-9/16	3-7/16	40	87
470558	HD52SN	2-13/16	3-11/16	47	94
47059	HD56SN	2-1/16	4	53	101
47060	HD64SN	2-9/16	4-7/16	65	113
47061	HD72SN	3-1/16	4-15/16	78	125
47062	HD80SN	2-1/2	5-7/16	64	138
47063	HD88SN	3	5-15/16	77	151
47064	HD96SN	3-1/2	6-7/16	89	163
47065	HD104SN	4	6-15/16	102	176
35820	B12HSP	5-1/2	8-7/16	140	214
35825	B148HSP	6-3/4	9-11/16	171	246
35827	B152HSP	7	9-15/16	177	252
35830	B160HSP	7-1/2	10-7/16	190	265
35835	B192HP	9-1/2	12-7/16	241	315
35840	B224HSP	11-1/2	14-7/16	292	366
35845	B264HSP	14	16-15/16	355	430

PRECISION BRAND PRODUCTS, INC.Hose Clamps
Quick Release

- The swivel action design of the screw allows for fast and easy adjustments
- These clamps are critical in closed areas where a clamp must be disengaged for installation

QR-H Series - Partial Stainless:

- 1/2" 300 series stainless steel band and housing
- 5/16" zinc plated hex head screw
- 400 series stainless steel bridge

QR-HS Series - All Stainless:

- 1/2" 300 series stainless steel band and housing
- 5/16" 400 series stainless steel hex head screw
- 400 series stainless steel bridge



Mfg Part#	Clamp No.	Min Dia. (in.)	Max Dia. (in.)	Min Dia. (mm)	Max Dia. (mm)
Partial Stainless					
47901	QR12H	1/2	1-1/4	12.7	31.8
47902	QR20H	3/4	1-3/4	19.1	44.4
47903	QR28H	1	2-1/4	25.4	57.1
47904	QR48H	1-1/2	3-1/2	38.1	88.9
47905	QR56H	1	4	25.4	101.6
47906	QR72H	2	5	50.8	127.0
47907	QR88H	2-1/16	6	52.4	152.4
47908	QR104H	1-3/4	7	44.4	177.8
47910	QR128H	1-3/4	8-9/16	44.4	217.5
47911	QR152H	2	10	50.8	254.0
47912	QR188H	2-1/16	12-5/16	52.4	312.7

All Stainless

47881	QR12HS	1/2	1-1/4	12.7	31.8
47882	QR20HS	3/4	1-3/4	19.1	44.4
47883	QR24HS	1-1/16	2	27.0	50.8
47884	QR28HS	1	2-1/4	25.4	57.1
47885	QR48HS	1-1/2	3-1/2	38.1	88.9
47886	QR56HS	1	4	25.4	101.6
47887	QR72HS	2	5	50.8	127.0
47888	QR88HS	2-1/16	6	52.4	152.4
47889	QR96HS	3-1/2	6-9/16	88.9	166.7
47890	QR104HS	1-3/4	7	44.4	177.8
47891	QR128HS	1-3/4	8-9/16	44.4	217.5
47892	QR152HS	2	10	50.8	254.0
47893	QR188HS	2-1/16	12-5/16	52.4	312.7
47894	QR216HS	10-3/16	14	258.8	355.6
47895	QR248HS	1-3/4	16	44.4	406.4
47896	QR280HS	14-1/4	18	361.9	457.2
47897	QR312HS	1-7/8	20	48	508.0

PRECISION BRAND PRODUCTS, INC.Hose Clamps
Shielded / Lined

- Provides maximum protection for all soft hoses while ensuring a strong, positive seal
- Band, liner and housing are made from stainless steel
- Plated 5/16" slotted hex head screw
- Inner liner covers band serrations which prevents hose damage



Mfg Part#	Clamp No.	Min Dia. (in.)	Max Dia. (in.)
35126	B6HL	5/8	3/4
35156	B8HL	5/8	13/16
35186	B10HL	3/4	15/16
35216	B12HL	3/4	1-1/8
35246	B16HL	13/16	1-3/8
35276	B20HL	1-1/8	1-5/8
35306	B24HL	1-3/16	1-15/16
35326	B28HL	1-5/16	2-1/4
35346	B32HL	1-9/16	2-1/2
35366	B36HL	1-13/16	2-3/4
35386	B40HL	2-1/16	3
35406	B44HL	2-5/16	3-1/4
35426	B48HL	2-9/16	3-1/2
35446	B52HL	2-13/16	3-3/4
35466	B56HL	3-1/16	4
35486	B60HL	3-5/16	4-1/4
35506	B64HL	3-9/16	4-1/2
35526	B72HL	4-1/16	5

PRECISION BRAND PRODUCTS, INC.Hose Clamps
Stainless Military

- Manufactured to military standard A-A52506-B for low pressure type "F" clamps and Federal
- One-piece, spot weld free housing
- 1/2" 300 series stainless steel band and housing
- 5/16" 300 series stainless steel hex head screw



Mfg Part#	Clamp No.	Min Dia. (in.)	Max Dia. (in.)	Min Dia. (mm)	Max Dia. (mm)
47831	MS6SS	3/8	7/8	9.5	22.2
47832	MS12SS	9/16	1-1/4	14.3	31.7
47833	MS24SS	1-1/16	2	27.0	50.8
47834	MS36SS	1-13/16	2-3/4	46.0	69.8
47835	MS48SS	2-9/16	3-1/2	65.1	88.9
47836	MS60SS	3-5/16	4-1/4	84.1	107.9
47837	MS104SS	4-1/8	7	104.8	177.8

PRECISION BRAND PRODUCTS, INC.

Hose Clamps

Standard Series

- Rounded edges to protect the hose
- Efficient three-piece construction
- No spot welds to corrode
- Easily installed with screwdriver, nut driver or socket wrench
- Screws feature deep slots for quick installation
- Meets or exceeds SAE torque specifications
- Sold in box quantities of 10



B-H Series Partial Stainless: This clamp has a 1/2" stainless steel band with plated 5/16" slotted hex head screw and housing. It is recommended for most applications.

B-HS Series All Stainless: The 1/2" band and housing components are all stainless steel. The slotted 5/16" hex head screw is made from 400 series stainless steel. It is recommended for good corrosion resistance and extra strength.

B-HSP Series All 300 Series Stainless Steel: This high quality 300 series 1/2" band and housing is matched with a 300 series 5/16" slotted hex head screw. This clamp is highly corrosion resistant, well suited for marine applications and is low in magnetic permeability.

Mfg Part#	Clamp No.	Min Dia. (in.)	Max Dia. (in.)	Min Dia. (mm)	Max Dia. (mm)	Std. Carton	Weight (lbs./100)
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B-H Series Partial Stainless

35125	B6H	3/8	7/8	9.5	22.2	500	4
35155	B8H	7/16	1	11.1	25.4	500	4
35185	B10H	9/16	1-1/16	14.3	27.0	500	4
35215	B12H	9/16	1-1/4	14.3	31.7	500	4
35245	B16H	3/4	1-1/2	17.5	38.1	500	5
35275	B20H	1-1/16	1-3/4	19.1	44.4	500	5
35305	B24H	1-5/16	2	27.0	50.8	500	5
35325	B28H	1-9/16	2-1/4	33.3	57.2	500	6
35345	B32H	1-13/16	2-1/2	39.7	63.5	500	6
35365	B36H	2-1/16	2-3/4	46.0	69.9	500	7
35385	B40H	2-5/16	3	52.4	76.2	200	7
35405	B44H	2-9/16	3-1/4	58.7	82.6	200	8
35425	B48H	2-13/16	3-1/2	65.1	88.9	200	8
35445	B52H	3-1/16	3-3/4	71.4	95.3	100	8
35465	B56H	3-5/16	4	77.8	101.6	100	9
35485	B60H	3-9/16	4-1/4	84.1	108.0	100	9
35505	B64H	4-1/16	4-1/2	90.5	114.3	100	9
35525	B72H	4-5/8	5	103.2	127.0	100	10
35545	B80H	4-3/32	5-1/2	117.5	139.7	100	10
35565	B88H	4-1/2	6	104.0	152.4	100	11
35585	B96H	5	6-1/2	114.3	165.1	100	12
35605	B104H	5-3/4	7	127.0	177.8	100	13
35625	B116H	5-1/2	7-3/4	146.1	196.9	50	14

B-HS Series All Stainless

35130	B6HS	3/8	7/8	9.5	22.2	500	4
35160	B8HSB6HS	7/16	1	11.1	25.4	500	4
35190	B10HSB6HS	9/16	1-1/16	14.3	27.0	500	4
35220	B12HS	9/16	1-1/4	14.3	31.7	500	4
35250	B16HS	11/16	1-1/2	17.5	38.1	500	5
35280	B20HS	3/4	1-3/4	19.1	44.4	500	5
35310	B24HS	1-1/16	2	27.0	50.8	500	5
35330	B28HS	1-5/16	2-1/4	33.3	57.2	500	6
35350	B32HS	1-9/16	2-1/2	39.7	63.5	500	6
35370	B36HS	1-13/16	2-3/4	46.0	69.9	500	7
35390	B40HS	2-1/16	3	52.4	76.2	200	7

Mfg Part#	Clamp No.	Min Dia. (in.)	Max Dia. (in.)	Min Dia. (mm)	Max Dia. (mm)	Std. Carton	Weight (lbs./100)
35410	B44HS	2-5/16	3-1/4	58.7	82.6	200	8
35430	B48HS	2-9/16	3-1/2	65.1	88.9	200	8
35450	B52HS	2-13/16	3-3/4	71.4	95.3	100	8
35470	B56HS	3-1/16	4	77.8	101.6	100	9
35490	B60HS	3-5/16	4-1/4	84.1	108.0	100	9
35510	B64HS	3-9/16	4-1/2	90.5	114.3	100	9
35530	B72HS	4-1/16	5	103.2	127.0	100	10
35550	B80HS	4-5/8	5-1/2	117.5	139.7	100	10
35570	B88HS	4-3/32	6	104.0	152.4	100	11
35590	B96HS	4-1/2	6-1/2	114.3	165.1	100	12
35610	B104HS	5	7	127.0	177.8	100	13
35630	B116HS	5-3/4	7-3/4	146.1	196.9	50	14

B-HSP Series All 300 Series Stainless

35700	B6HSP	3/8	7/8	9.5	22.2	500	4
35705	B8HSP	7/16	1	11.1	25.4	550	4
35710	B10HSP	9/16	1-1/16	14.3	27.0	500	4
35715	B12HSP	9/16	1-1/4	14.3	31.7	500	4
35720	B16HSP	11/16	1-1/2	17.5	38.1	500	5
35725	B20HSP	3/4	1-3/4	19.1	44.4	500	5
35730	B24HSP	1-1/16	2	27.0	50.8	500	5
35735	B28HSP	1-5/16	2-1/4	33.3	57.2	500	6
35740	B32HSP	1-9/16	2-1/2	39.7	63.5	500	6
35745	B36HSP	1-13/16	2-3/4	46.0	69.9	500	7
35750	B40HSP	2-1/16	3	52.4	76.2	200	7
35755	B44HSP	2-5/16	3-1/4	58.7	82.6	200	8
35760	B48HSP	2-9/16	3-1/2	65.1	88.9	200	8
35765	B52HSP	2-13/16	3-3/4	71.4	95.3	100	8
35770	B56HSP	3-1/16	4	77.8	101.6	100	9
35775	B60HSP	3-5/16	4-1/4	84.1	108.0	100	9
35780	B64HSP	3-9/16	4-1/2	90.5	114.3	100	9
35785	B72HSP	4-1/16	5	103.2	127.0	100	10
35790	B80HSP	4-5/8	5-1/2	117.5	139.7	100	10
35795	B88HSP	4-3/32	6	104.0	152.4	100	11
35800	B96HSP	4-1/2	6-1/2	114.3	165.1	100	12
35805	B104HSP	5	7	127.0	177.8	100	13
35810	B116HSP	5-3/4	7-3/4	146.1	196.9	50	14
35820	B128HSP	5-1/2	8-7/16	139.7	214.3	200	14
35825	B148HSP	6-3/4	9-11/16	171.5	246.1	200	14
35827	B152HSP	7	9-15/16	177.8	252.4	200	15
35830	B160HSP	7-1/2	10-7/16	190.5	265.1	200	15
35835	B192HSP	9-1/2	12-7/16	241.3	315.9	200	18
35840	B224HSP	11-1/2	14-7/16	292.1	366.7	200	21
35845	B264HSP	14	16-15/16	355.6	430.2	200	25

PRECISION BRAND PRODUCTS, INC.

Hose Clamps

316 Stainless Steel

- Non-magnetic, all "316" grade stainless steel construction
- Used in highly corrosive and salt water environments

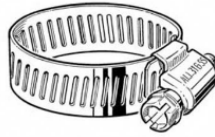
M-HSPX Series 316 Stainless Micro Clamp:

- 5/16" 316 stainless steel band and housing
- 1/4" 316 stainless steel hex-head screw

B-HSPX Series

316 Stainless Clamp:

- 1/2" 316 stainless steel band and housing
- 5/16" 316 stainless steel hex-head screw



Mfg Part#	PBP No.	Min Dia. (in.)	Max Dia. (in.)	Min Dia. (mm)	Max Dia. (mm)
47841	M4HSPX	7/32	5/8	5.6	15.9
47842	M6HSPX	5/16	7/8	7.9	22.2
47851	B6HSPX	3/8	7/8	9	22
47852	B8HSPX	7/16	1	11	25
47853	B10HSPX	9/16	1-1/16	14	27
47854	B12HSPX	9/16	1-5/16	14	33
47855	B16HSPX	11/16	1-1/2	18	38
47856	B20HSPX	3/4	1-3/4	19	44
47857	B24HSPX	1-1/16	2	27	51
47858	B28HSPX	1-5/16	2-1/4	33	57
47859	B32HSPX	1-9/16	2-1/2	40	64
47860	B36HSPX	1-13/16	2-3/4	46	70
47861	B40HSPX	2-1/16	3	52	76
47862	B44HSPX	2-5/16	3-1/4	59	83
47863	B48HSPX	2-9/16	3-1/2	65	89
47864	B52HSPX	2-13/16	3-3/4	71	95
47865	B64HSPX	3-9/16	4-1/2	91	114
47866	B72HSPX	4-1/16	5	103	127
47867	B80HSPX	4-5/8	5-1/2	118	140
47868	B88HSPX	4-3/32	6	104	152
47869	B96HSPX	4-1/2	6-1/2	114	165
47870	B104HSPX	5	7	127	178

PRECISION BRAND PRODUCTS, INC.

ABC Blackener™

- A cosmetic blackener for most non-ferrous metals
- ABC Blackener™ works on Aluminum, Brass and Copper
- One quart of ABC Blackener™ covers 30 to 40 square feet, however coverage varies with application technique
- No special ventilating system required
- Should be used at room temperature
- May be applied by immersion or brush-on technique
- Complete kit consists of:
 - one 1-quart bottle of ABC Blackener™
 - one 1-quart bottle of ABC Sealant™
- ABC Blackener™ products cannot be shipped via air transportation



Mfg Part#	Description	Case Qty
45900	One Complete ABC	1 Kit
45905	Three ABC Blackener™ Kits	3 Kits
45910	One qt. ABC Blackener™	6 Bottles
45915	One qt. ABC Sealant™	6 Bottles

PRECISION BRAND PRODUCTS, INC.

Tool Black®

- Fast, inexpensive alternative to black oxide
- Imparts a tough, dull black protective finish to ferrous metal parts
- Ideal for prototypes, repair parts and general machine work
- The liquid solution formula is used on small immersible parts
- The Gel formula is best for larger areas or fixed vertical spaces
- One quart of TOOL BLACK® Solution covers 50 to 75 square feet, however coverage varies with application technique
- One pint of TOOL BLACK® Gel covers 20 square feet, however coverage varies with application
- Should be used at room temperature as a cold application
- PREVENT® is ozone safe
- Tool Black® products cannot be shipped via air transportation



Mfg Part#	Description	Case Qty
45125	One Complete Tool Black® Solution Kit (contains one)	1 Kit
45120	Three Tool Black®	3 Kits
45110	One qt. Tool Black® Solution	6 Bottles
45115	16 fl. oz. Aerosol Prevent® (11 oz. net wgt.)	12 Cans
45105	One qt. Cleaner-Degreaser	12 Bottles

PRECISION BRAND PRODUCTS, INC.

Tool Black® Gel



Mfg Part#	Description	Case Qty
45325	One Complete Tool Black® Gel Kit (contains one)	1 Kit
45320	Three Tool Black® Gel Kits	3 Kits
45310	One pint Tool Black® Gel	6 Bottles
45305	One pint Pre-Clean™	6 Bottles
45315	One pint Dri-Shield™	6 Bottles

PRECISION BRAND PRODUCTS, INC.

Drill Rod

3 Ft. Lengths

- Precision Brand drill rod rounds are made of annealed, ground and polished general purpose tool steel
- Used for punches, tools and dies, drills, taps, arbors, roller bearings, dowel pins and a variety of machine parts where high strength and long life are required
- Excellent finish, strength and machinability makes drill rod ideally suited for power drive shafts and applications where accuracy and straightness are required
- Stocked in 3 feet lengths
- Available in water hardening (W-1) and oil hardening (O-1) grades
- Other grade and sizes, including metric are available on special order



Water Hardening/W-1 Features:

- Color coded with red ends
- Made from a 1095 steel
- Most popular type
- Most versatile and least expensive
- Tough hardening quality affords optimum response to heat treatment and provides toughness and maximum wear resistance in service
- High carbon content allows it to be used without heat treatment for many maintenance applications
- Fine-grained electric furnace melted commercial grade tool steel

Oil Hardening/O-1 Features:

- Color coded with yellow ends
- Made from a 1085 steel
- Electric furnace melt tool steel
- Non-shrinking general-purpose tool steel
- Highly abrasion resistant
- Excellent toughness and machinability characteristics

Mfg Part#	Desc.	Size	Dia. (Dec.)	Dia. (mm)	Wt. per PC.
W-1 Water Hardening					
18162	W-1 Water Hardening No. 52	.063	1.600	.033	
18161	W-1 Water Hardening No. 51	.066	1.676	.036	
18160	W-1 Water Hardening No. 50	.069	1.753	.039	
18159	W-1 Water Hardening No. 49	.072	1.829	.042	
18158	W-1 Water Hardening No. 48	.075	1.905	.045	
18157	W-1 Water Hardening No. 47	.077	1.956	.048	
18155	W-1 Water Hardening No. 46	.079	2.007	.051	
18154	W-1 Water Hardening No. 45	.081	2.057	.054	
18153	W-1 Water Hardening No. 44	.085	2.159	.057	
18152	W-1 Water Hardening No. 43	.088	2.235	.063	
18151	W-1 Water Hardening No. 42	.092	2.337	.069	
18149	W-1 Water Hardening No. 41	.095	2.413	.072	
18148	W-1 Water Hardening No. 40	.097	2.464	.075	
18147	W-1 Water Hardening No. 39	.099	2.515	.078	
18146	W-1 Water Hardening No. 38	.101	2.565	.084	
18145	W-1 Water Hardening No. 37	.103	2.616	.087	
18144	W-1 Water Hardening No. 36	.106	2.692	.090	
18143	W-1 Water Hardening No. 35	.108	2.743	.093	
18141	W-1 Water Hardening No. 34	.110	2.794	.096	
18140	W-1 Water Hardening No. 33	.112	2.845	.102	
18139	W-1 Water Hardening No. 32	.115	2.921	.108	
18138	W-1 Water Hardening No. 31	.120	3.048	.117	
18136	W-1 Water Hardening No. 30	.127	3.226	.129	
18135	W-1 Water Hardening No. 29	.134	3.404	.144	
18134	W-1 Water Hardening No. 28	.139	3.531	.156	
18132	W-1 Water Hardening No. 27	.143	3.632	.165	
18131	W-1 Water Hardening No. 26	.146	3.708	.171	

Mfg Part#	Desc.	Size	Dia. (Dec.)	Dia. (mm)	Wt. per PC.
18130	W-1 Water Hardening No. 25	.148	3.759	.177	
18129	W-1 Water Hardening No. 24	.151	3.835	.183	
18128	W-1 Water Hardening No. 23	.153	3.886	.189	
18127	W-1 Water Hardening No. 22	.155	3.937	.195	
18125	W-1 Water Hardening No. 21	.157	3.988	.198	
18124	W-1 Water Hardening No. 20	.161	4.089	.207	
18123	W-1 Water Hardening No. 19	.164	4.166	.216	
18122	W-1 Water Hardening No. 18	.168	4.267	.228	
18120	W-1 Water Hardening No. 17	.172	4.369	.237	
18119	W-1 Water Hardening No. 16	.175	4.445	.246	
18118	W-1 Water Hardening No. 15	.178	4.521	.255	
18117	W-1 Water Hardening No. 14	.180	4.572	.261	
18116	W-1 Water Hardening No. 13	.182	4.623	.267	
18115	W-1 Water Hardening No. 12	.185	4.699	.276	
18113	W-1 Water Hardening No. 11	.188	4.775	.282	
18112	W-1 Water Hardening No. 10	.191	4.851	.288	
18111	W-1 Water Hardening No. 9	.194	4.928	.297	
18110	W-1 Water Hardening No. 8	.197	5.004	.312	
18109	W-1 Water Hardening No. 7	.199	5.055	.318	
18108	W-1 Water Hardening No. 6	.201	5.105	.321	
18106	W-1 Water Hardening No. 5	.204	5.182	.327	
18105	W-1 Water Hardening No. 4	.207	5.258	.345	
18104	W-1 Water Hardening No. 3	.212	5.385	.363	
18102	W-1 Water Hardening No. 2	.219	5.563	.387	
18101	W-1 Water Hardening No. 1	.227	5.766	.414	
18100	W-1 Water Hardening A	.234	5.944	.441	
18098	W-1 Water Hardening B	.238	6.045	.450	
18097	W-1 Water Hardening C	.242	6.147	.462	
18096	W-1 Water Hardening D	.246	6.248	.483	
18094	W-1 Water Hardening E	.250	6.350	.501	
18093	W-1 Water Hardening F	.257	6.528	.522	
18092	W-1 Water Hardening G	.261	6.629	.543	
18090	W-1 Water Hardening H	.266	6.756	.564	
18089	W-1 Water Hardening I	.272	6.909	.594	
18088	W-1 Water Hardening J	.277	7.036	.615	
18087	W-1 Water Hardening K	.281	7.137	.636	
18085	W-1 Water Hardening L	.290	7.366	.675	
18084	W-1 Water Hardening M	.295	7.493	.699	
18082	W-1 Water Hardening N	.302	7.671	.726	
18080	W-1 Water Hardening O	.316	8.026	.813	
18079	W-1 Water Hardening P	.323	8.204	.831	
18077	W-1 Water Hardening Q	.332	8.433	.882	
18076	W-1 Water Hardening R	.339	8.611	.924	
18074	W-1 Water Hardening S	.348	8.839	.975	
18073	W-1 Water Hardening T	.358	9.093	1.026	
18071	W-1 Water Hardening U	.368	9.347	1.086	
18069	W-1 Water Hardening V	.377	9.576	1.149	
18068	W-1 Water Hardening W	.386	9.804	1.200	
18066	W-1 Water Hardening X	.397	10.084	1.263	
18065	W-1 Water Hardening Y	.404	10.262	1.281	
18063	W-1 Water Hardening Z	.413	10.490	1.374	
18163	W-1 Water Hardening 1/16	.0625	1.588	.030	
18156	W-1 Water Hardening 5/64	.0781	1.9840	.051	
18150	W-1 Water Hardening 3/32	.0938	2.381	.069	
18142	W-1 Water Hardening 7/64	.1094	2.778	.093	
18137	W-1 Water Hardening 1/8	.125	3.175	.126	
18133	W-1 Water Hardening 9/64	.1406	3.572	.156	
18126	W-1 Water Hardening 5/32	.1563	3.969	.198	

Mfg Part#	Desc.	Size	Dia. (Dec.)	Dia. (mm)	Wt. per PC.
18121	W-1 Water Hardening	11/64	.1719	4.366	.234
18114	W-1 Water Hardening	3/16	.1875	4.763	.282
18107	W-1 Water Hardening	13/64	.2031	5.159	.327
18103	W-1 Water Hardening	7/32	.2188	5.556	.387
18099	W-1 Water Hardening	15/64	.2344	5.953	.441
18095	W-1 Water Hardening	1/4	.250	6.350	.501
18091	W-1 Water Hardening	17/64	.2656	6.747	.561
18086	W-1 Water Hardening	9/32	.2813	7.144	.639
18083	W-1 Water Hardening	19/64	.2969	7.541	.702
18081	W-1 Water Hardening	5/16	.3125	7.938	.780
18078	W-1 Water Hardening	21/64	.3281	8.334	.861
18075	W-1 Water Hardening	11/32	.3438	8.731	.939
18072	W-1 Water Hardening	23/64	.3594	9.128	1.032
18070	W-1 Water Hardening	3/8	.375	9.525	1.125
18067	W-1 Water Hardening	25/64	.3906	9.922	1.221
18064	W-1 Water Hardening	13/32	.4063	10.319	1.311
18062	W-1 Water Hardening	27/64	.4219	10.716	1.416
18061	W-1 Water Hardening	7/16	.4375	11.113	1.530
18060	W-1 Water Hardening	29/64	.4531	11.509	1.626
18059	W-1 Water Hardening	15/32	.4688	11.906	1.749
18058	W-1 Water Hardening	31/64	.4844	12.303	1.875
18057	W-1 Water Hardening	1/2	.500	12.700	2.000
18056	W-1 Water Hardening	33/64	.5156	13.097	2.130
18055	W-1 Water Hardening	17/32	.5313	13.494	2.250
18054	W-1 Water Hardening	35/64	.5469	13.891	2.390
18053	W-1 Water Hardening	9/16	.5625	14.288	2.530
18052	W-1 Water Hardening	37/64	.5781	14.684	2.670
18051	W-1 Water Hardening	19/32	.5938	15.081	2.810
18050	W-1 Water Hardening	39/64	.6094	15.478	3.000
18049	W-1 Water Hardening	5/8	.625	15.875	3.130
18048	W-1 Water Hardening	41/64	.6406	16.272	3.310
18047	W-1 Water Hardening	21/32	.6563	16.669	3.440
18046	W-1 Water Hardening	43/64	.6719	17.066	3.560
18045	W-1 Water Hardening	11/16	.6875	17.463	3.750
18044	W-1 Water Hardening	45/64	.7031	17.859	3.940
18043	W-1 Water Hardening	23/32	.7188	18.256	4.130
18042	W-1 Water Hardening	47/64	.7344	18.653	4.310
18041	W-1 Water Hardening	3/4	.750	19.050	4.500
18040	W-1 Water Hardening	49/64	.7656	19.447	4.690
18039	W-1 Water Hardening	25/32	.7813	19.844	4.880
18038	W-1 Water Hardening	51/64	.7969	20.241	5.120
18037	W-1 Water Hardening	13/16	.8125	20.638	5.250
18036	W-1 Water Hardening	53/64	.8281	21.034	5.480
18035	W-1 Water Hardening	27/32	.8438	21.431	5.690
18034	W-1 Water Hardening	55/64	.8594	21.828	5.910
18033	W-1 Water Hardening	7/8	.875	22.225	6.130
18032	W-1 Water Hardening	57/64	.8906	22.622	6.350
18031	W-1 Water Hardening	29/32	.9063	23.019	6.560
18030	W-1 Water Hardening	59/64	.9219	23.416	6.790
18029	W-1 Water Hardening	15/16	.9375	23.813	7.000
18028	W-1 Water Hardening	61/64	.9531	24.209	7.250
18027	W-1 Water Hardening	31/32	.9688	24.606	7.590
18026	W-1 Water Hardening	63/64	.9844	25.003	7.750
18025	W-1 Water Hardening	1	1.0000	25.400	8.000
18024	W-1 Water Hardening	1 1/32	1.0313	26.194	8.500
18023	W-1 Water Hardening	1 1/16	1.0625	26.988	9.030
18022	W-1 Water Hardening	1 3/32	1.0938	27.781	9.580
18021	W-1 Water Hardening	1 1/8	1.125	28.575	10.125

Mfg Part#	Desc.	Size	Dia. (Dec.)	Dia. (mm)	Wt. per PC.
18020	W-1 Water Hardening	1 5/32	1.1563	29.369	10.700
18019	W-1 Water Hardening	1 3/16	1.1875	30.163	11.310
18018	W-1 Water Hardening	1 7/32	1.2188	30.956	11.900
18017	W-1 Water Hardening	1 1/4	1.250	31.750	12.500
18016	W-1 Water Hardening	1 9/32	1.2813	32.544	13.120
18015	W-1 Water Hardening	1 5/16	1.3125	33.338	13.800
18014	W-1 Water Hardening	1 11/32	1.3438	34.131	14.450
18013	W-1 Water Hardening	1 3/8	1.375	34.925	15.150
18012	W-1 Water Hardening	1 13/32	1.4063	35.719	15.820
18011	W-1 Water Hardening	1 7/16	1.4375	36.513	16.540
18010	W-1 Water Hardening	1 15/32	1.4688	37.306	17.260
18009	W-1 Water Hardening	1 1/2	1.500	38.100	18.000
18008	W-1 Water Hardening	1 9/16	1.5625	39.688	19.560
18007	W-1 Water Hardening	1 5/8	1.625	41.275	21.150
18006	W-1 Water Hardening	1 11/16	1.6875	42.863	22.800
18005	W-1 Water Hardening	1 3/4	1.750	44.450	24.510
18004	W-1 Water Hardening	1 13/16	1.8125	46.038	26.310
18003	W-1 Water Hardening	1 7/8	1.875	47.625	28.140
18002	W-1 Water Hardening	1 15/16	1.9375	49.213	30.060
18001	W-1 Water Hardening	2	2.0000	50.800	32.040

0-1 Oil Hardening

28162	0-1 Oil Hardening	No. 52	.063	1.600	.033
28161	0-1 Oil Hardening	No. 51	.066	1.676	.036
28160	0-1 Oil Hardening	No. 50	.069	1.753	.039
28159	0-1 Oil Hardening	No. 49	.072	1.829	.042
28158	0-1 Oil Hardening	No. 48	.075	1.905	.045
28157	0-1 Oil Hardening	No. 47	.077	1.956	.048
28155	0-1 Oil Hardening	No. 46	.079	2.007	.051
28154	0-1 Oil Hardening	No. 45	.081	2.057	.054
28153	0-1 Oil Hardening	No. 44	.085	2.159	.057
28152	0-1 Oil Hardening	No. 43	.088	2.235	.063
28151	0-1 Oil Hardening	No. 42	.092	2.337	.069
28149	0-1 Oil Hardening	No. 41	.095	2.413	.072
28148	0-1 Oil Hardening	No. 40	.097	2.464	.075
28147	0-1 Oil Hardening	No. 39	.099	2.515	.078
28146	0-1 Oil Hardening	No. 38	.101	2.565	.084
28145	0-1 Oil Hardening	No. 37	.103	2.616	.087
28144	0-1 Oil Hardening	No. 36	.106	2.692	.090
28143	0-1 Oil Hardening	No. 35	.108	2.743	.093
28141	0-1 Oil Hardening	No. 34	.110	2.794	.096
28140	0-1 Oil Hardening	No. 33	.112	2.845	.102
28139	0-1 Oil Hardening	No. 32	.115	2.921	.108
28138	0-1 Oil Hardening	No. 31	.120	3.048	.117
28136	0-1 Oil Hardening	No. 30	.127	3.226	.129
28135	0-1 Oil Hardening	No. 29	.134	3.404	.144
28134	0-1 Oil Hardening	No. 28	.139	3.531	.156
28132	0-1 Oil Hardening	No. 27	.143	3.632	.165
28131	0-1 Oil Hardening	No. 26	.146	3.708	.171
28130	0-1 Oil Hardening	No. 25	.148	3.759	.177
28129	0-1 Oil Hardening	No. 24	.151	3.835	.183
28128	0-1 Oil Hardening	No. 23	.153	3.886	.189
28127	0-1 Oil Hardening	No. 22	.155	3.937	.195
28125	0-1 Oil Hardening	No. 21	.157	3.988	.198
28124	0-1 Oil Hardening	No. 20	.161	4.089	.207
28123	0-1 Oil Hardening	No. 19	.164	4.166	.216
28122	0-1 Oil Hardening	No. 18	.168	4.267	.228
28120	0-1 Oil Hardening	No. 17	.172	4.369	.237
28119	0-1 Oil Hardening	No. 16	.175	4.445	.246

Mfg Part#	Desc.	Size	Dia. (Dec.)	Dia. (mm)	Wt. per PC.
28118	0-1 Oil Hardening	No. 15	.178	4.521	.255
28117	0-1 Oil Hardening	No. 14	.180	4.572	.261
28116	0-1 Oil Hardening	No. 13	.182	4.623	.267
28115	0-1 Oil Hardening	No. 12	.185	4.699	.276
28113	0-1 Oil Hardening	No. 11	.188	4.775	.282
28112	0-1 Oil Hardening	No. 10	.191	4.851	.288
28111	0-1 Oil Hardening	No. 9	.194	4.928	.297
28110	0-1 Oil Hardening	No. 8	.197	5.004	.312
28109	0-1 Oil Hardening	No. 7	.199	5.055	.318
28108	0-1 Oil Hardening	No. 6	.201	5.105	.321
28106	0-1 Oil Hardening	No. 5	.204	5.182	.327
28105	0-1 Oil Hardening	No. 4	.207	5.258	.345
28104	0-1 Oil Hardening	No. 3	.212	5.385	.363
28102	0-1 Oil Hardening	No. 2	.219	5.563	.387
28101	0-1 Oil Hardening	No. 1	.227	5.766	.414
28100	0-1 Oil Hardening	A	.234	5.944	.441
28098	0-1 Oil Hardening	B	.238	6.045	.450
28097	0-1 Oil Hardening	C	.242	6.147	.462
28096	0-1 Oil Hardening	D	.246	6.248	.483
28094	0-1 Oil Hardening	E	.250	6.350	.501
28093	0-1 Oil Hardening	F	.257	6.528	.522
28092	0-1 Oil Hardening	G	.261	6.629	.543
28090	0-1 Oil Hardening	H	.266	6.756	.564
28089	0-1 Oil Hardening	I	.272	6.909	.594
28088	0-1 Oil Hardening	J	.277	7.036	.615
28087	0-1 Oil Hardening	K	.281	7.137	.636
28085	0-1 Oil Hardening	L	.290	7.366	.675
28084	0-1 Oil Hardening	M	.295	7.493	.699
28082	0-1 Oil Hardening	N	.302	7.671	.726
28080	0-1 Oil Hardening	O	.316	8.026	.813
28079	0-1 Oil Hardening	P	.323	8.204	.831
28077	0-1 Oil Hardening	Q	.332	8.433	.882
28076	0-1 Oil Hardening	R	.339	8.611	.924
28074	0-1 Oil Hardening	S	.348	8.839	.975
28073	0-1 Oil Hardening	T	.358	9.093	1.026
28071	0-1 Oil Hardening	U	.368	9.347	1.086
28069	0-1 Oil Hardening	V	.377	9.576	1.149
28068	0-1 Oil Hardening	W	.386	9.804	1.200
28066	0-1 Oil Hardening	X	.397	10.084	1.263
28065	0-1 Oil Hardening	Y	.404	10.262	1.281
28063	0-1 Oil Hardening	Z	.413	10.490	1.374
28163	0-1 Oil Hardening	1/16	.0625	1.588	.030
28156	0-1 Oil Hardening	5/64	.0781	1.984	.051
28150	0-1 Oil Hardening	3/32	.0938	2.381	.069
28142	0-1 Oil Hardening	7/64	.1094	2.778	.093
28137	0-1 Oil Hardening	1/8	.125	3.175	.126
28133	0-1 Oil Hardening	9/64	.1406	3.572	.156
28126	0-1 Oil Hardening	5/32	.1563	3.969	.198
28121	0-1 Oil Hardening	11/64	.1719	4.366	.234
28114	0-1 Oil Hardening	3/16	.1875	4.763	.282
28107	0-1 Oil Hardening	13/64	.2031	5.159	.327
28103	0-1 Oil Hardening	7/32	.2188	5.556	.387
28099	0-1 Oil Hardening	15/64	.2344	5.953	.441
28095	0-1 Oil Hardening	1/4	.250	6.350	.501
28091	0-1 Oil Hardening	17/64	.2656	6.747	.561
28086	0-1 Oil Hardening	9/32	.2813	7.144	.639
28083	0-1 Oil Hardening	19/64	.2969	7.541	.702
28081	0-1 Oil Hardening	5/16	.3125	7.938	.780

Mfg Part#	Desc.	Size	Dia. (Dec.)	Dia. (mm)	Wt. per PC.
28078	0-1 Oil Hardening	21/64	.3281	8.334	.861
28075	0-1 Oil Hardening	11/32	.3438	8.731	.939
28072	0-1 Oil Hardening	23/64	.3594	9.128	1.032
28070	0-1 Oil Hardening	3/8	.375	9.525	1.125
28067	0-1 Oil Hardening	25/64	.3906	9.922	1.221
28064	0-1 Oil Hardening	13/32	.4063	10.319	1.311
28062	0-1 Oil Hardening	27/64	.4219	10.716	1.416
28061	0-1 Oil Hardening	7/16	.4375	11.113	1.530
28060	0-1 Oil Hardening	29/64	.4531	11.509	1.626
28059	0-1 Oil Hardening	15/32	.4688	11.906	1.749
28058	0-1 Oil Hardening	31/64	.4844	12.303	1.875
28057	0-1 Oil Hardening	1/2	.500	12.700	2.000
28056	0-1 Oil Hardening	33/64	.5156	13.097	2.130
28055	0-1 Oil Hardening	17/32	.5313	13.494	2.250
28054	0-1 Oil Hardening	35/64	.5469	13.891	2.390
28053	0-1 Oil Hardening	9/16	.5625	14.288	2.530
28052	0-1 Oil Hardening	37/64	.5781	14.684	2.670
28051	0-1 Oil Hardening	19/32	.5938	15.081	2.810
28050	0-1 Oil Hardening	39/64	.6094	15.478	3.000
28049	0-1 Oil Hardening	5/8	.625	15.875	3.130
28048	0-1 Oil Hardening	41/64	.6406	16.272	3.310
28047	0-1 Oil Hardening	21/32	.6563	16.669	3.440
28046	0-1 Oil Hardening	43/64	.6719	17.066	3.560
28045	0-1 Oil Hardening	11/16	.6875	17.463	3.750
28044	0-1 Oil Hardening	45/64	.7031	17.859	3.940
28043	0-1 Oil Hardening	23/32	.7188	18.256	4.130
28042	0-1 Oil Hardening	47/64	.7344	18.653	4.310
28041	0-1 Oil Hardening	3/4	.750	19.050	4.500
28040	0-1 Oil Hardening	49/64	.7656	19.447	4.690
28039	0-1 Oil Hardening	25/32	.7813	19.844	4.880
28038	0-1 Oil Hardening	51/64	.7969	20.241	5.120
28037	0-1 Oil Hardening	13/16	.8125	20.638	5.250
28036	0-1 Oil Hardening	53/64	.8281	21.034	5.480
28035	0-1 Oil Hardening	27/32	.8438	21.431	5.690
28034	0-1 Oil Hardening	55/64	.8594	21.828	5.910
28033	0-1 Oil Hardening	7/8	.875	22.225	6.130
28032	0-1 Oil Hardening	57/64	.8906	22.622	6.350
28031	0-1 Oil Hardening	29/32	.9063	23.019	6.560
28030	0-1 Oil Hardening	59/64	.9219	23.416	6.790
28029	0-1 Oil Hardening	15/16	.9375	23.813	7.000
28028	0-1 Oil Hardening	61/64	.9531	24.209	7.250
28027	0-1 Oil Hardening	31/32	.9688	24.606	7.590
28026	0-1 Oil Hardening	63/64	.9844	25.003	7.750
28025	0-1 Oil Hardening	1	1.0000	25.400	8.000
28024	0-1 Oil Hardening	1-1/32	1.0313	26.194	8.500
28023	0-1 Oil Hardening	1-1/16	1.0625	26.988	9.030
28022	0-1 Oil Hardening	1-3/32	1.0938	27.781	9.580
28021	0-1 Oil Hardening	1-1/8	1.125	28.575	10.125
28020	0-1 Oil Hardening	1-5/32	1.1563	29.369	10.700
28019	0-1 Oil Hardening	1-3/16	1.1875	30.163	11.310
28018	0-1 Oil Hardening	1-7/32	1.2188	30.956	11.900
28017	0-1 Oil Hardening	1-1/4	1.250	31.750	12.500
28016	0-1 Oil Hardening	1-9/32	1.2813	32.544	13.120
28015	0-1 Oil Hardening	1-5/16	1.3125	33.338	13.800
28014	0-1 Oil Hardening	1-11/32	1.3438	34.131	14.450
28013	0-1 Oil Hardening	1-3/8	1.375	34.925	15.150
28012	0-1 Oil Hardening	1-13/32	1.4063	35.719	15.820
28011	0-1 Oil Hardening	1-7/16	1.4375	36.513	16.540

Mfg Part#	Desc.	Size	Dia. (Dec.)	Dia. (mm)	Wt. per PC.
28010	0-1 Oil Hardening	1-15/32	1.4688	37.306	17.260
28009	0-1 Oil Hardening	1-1/2	1.500	38.100	18.000
28008	0-1 Oil Hardening	1-9/16	1.5625	39.688	19.560
28007	0-1 Oil Hardening	1-5/8	1.625	41.275	21.150
28006	0-1 Oil Hardening	1-11/16	1.6875	42.863	22.800
28005	0-1 Oil Hardening	1-3/4	1.750	44.450	24.510
28004	0-1 Oil Hardening	1-13/16	1.8125	46.038	26.310
28003	0-1 Oil Hardening	1-7/8	1.875	47.625	28.140
28002	0-1 Oil Hardening	1-15/16	1.9375	49.213	30.060
28001	0-1 Oil Hardening	2	2.0000	50.800	32.040

PRECISION BRAND PRODUCTS, INC.

Steel Feeler Gage

- Precision Brand Feeler Gage is made from 1/2" wide spring steel stock, close grain C1095 high carbon steel
- Material is ground and polished to precision tolerances
- Used in manufacturing, maintenance and tool & die operations wherever setting close spacing or checking extremely tight tolerances is required
- Thicknesses are clearly etched every 6" in decimal and metric
- Feeler Gage stock is packaged in 5" or 12" flat lengths, 25 feet coils and in convenient assortments
- Also available in bulk quantities
- Other sizes or thicknesses are available on special order
- True Metric Feeler Gage is available, see page 18
- Plastic, Brass and Stainless Steel Thickness Gage is also available



Flat Length Feeler Gage

- 5" or 12" long x 1/2" wide
- 12" lengths are individually wrapped for protection and convenience
- Ends are rounded and edges are smooth for safety
- Each piece has a 3/16" hole at one end except for .001", .040" and .050" thicknesses

Coiled Feeler Gage

- 25 feet long x 1/2" wide
- .001" to .010" coils are conveniently packaged in dispenser boxes
- Easily cut to desired length

Mfg Part#	Size (In.)	Thck. (Dec.)	Thck. (mm)	PBP No.
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12" Lengths - 12 pcs. per box

19120	12	.001	.025	19K1
19145	12	.0015	.038	19K1X
19170	12	.002	.051	19K2
19185	12	.0025	.064	19K2X
19210	12	.003	.076	19K3
19235	12	.004	.102	19K4
19260	12	.005	.127	19K5
19285	12	.006	.152	19K6
19310	12	.007	.178	19K7
19335	12	.008	.203	19K8
19360	12	.009	.229	19K9
19385	12	.010	.254	19K10
19400	12	.011	.279	19K11
19425	12	.012	.305	19K12
19440	12	.013	.330	19K13
19465	12	.014	.356	19K14
19490	12	.015	.381	19K15
19515	12	.016	.406	19K16
19530	12	.017	.432	19K17
19555	12	.018	.457	19K18

Mfg Part#	Size (In.)	Thck. (Dec.)	Thck. (mm)	PBP No.
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19570	12	.019	.483	19K19
19595	12	.020	.508	19K20
19610	12	.021	.533	19K21
19635	12	.022	.559	19K22
19650	12	.023	.584	19K23
19675	12	.024	.610	19K24
19700	12	.025	.635	19K25
19715	12	.028	.711	19K28
19730	12	.030	.762	19K30
19745	12	.031	.787	19K31
19760	12	.032	.813	19K32
19775	12	.034	.864	19K34
19790	12	.040	1.016	19K40
19805	12	.050	1.270	19K50

5" Lengths - 10 pcs. per box

19115	5	.001	.025	19R1
19140	5	.0015	.038	19R1X
19165	5	.002	.051	19R2
19205	5	.003	.076	19R3
19230	5	.004	.102	19R4
19255	5	.005	.127	19R5
19280	5	.006	.152	19R6
19305	5	.007	.178	19R7
19330	5	.008	.203	19R8
19355	5	.009	.229	19R9
19380	5	.010	.254	19R10
19420	5	.012	.305	19R12
19460	5	.014	.356	19R14
19485	5	.015	.381	19R15
19510	5	.016	.406	19R16
19550	5	.018	.457	19R18
19590	5	.020	.508	19R20
19630	5	.022	.559	19R22
19670	5	.024	.610	19R24
19695	5	.025	.635	19R25

25' Coils

19125	25Coils'	.001	.025	19H1
19150	25Coils'	.015	.038	19H1X
19175	25Coils'	.002	.051	19H2
19190	25Coils'	.0025	.064	19H2X
19215	25Coils'	.003	.076	19H3
19240	25Coils'	.004	.102	19H4
19265	25Coils'	.005	.127	19H5
19290	25Coils'	.006	.152	19H6
19315	25Coils'	.007	.178	19H7
19340	25Coils'	.008	.203	19H8
19365	25Coils'	.009	.229	19H9
19390	25Coils'	.010	.254	19H10
19405	25Coils'	.011	.279	19H11
19430	25Coils'	.012	.305	19H12
19445	25Coils'	.013	.330	19H13
19470	25Coils'	.014	.356	19H14
19495	25Coils'	.015	.381	19H15
19520	25Coils'	.016	.406	19H16
19535	25Coils'	.017	.432	19H17
19560	25Coils'	.018	.457	19H18
19575	25Coils'	.019	.483	19H19
19600	25Coils'	.020	.508	19H20
19615	25Coils'	.021	.533	19H21

Mfg Part#	Size (In.)	Thck. (Dec.)	Thck. (mm)	PBP No.
19640	25Coils'	.022	.559	19H22
19655	25Coils'	.023	.584	19H23
19680	25Coils'	.024	.610	19H24
19705	25Coils'	.025	.635	19H25
19720	25Coils'	.028	.711	19H28
19735	25Coils'	.030	.762	19H30
19750	25Coils'	.031	.787	19H31
19765	25Coils'	.032	.813	19H32
19780	25Coils'	.034	.864	19H34

PRECISION BRAND PRODUCTS, INC.

Steel Feeler Gage

Pok-Kit® Assortment

5" Long Blades

- Contains twenty 1/2" wide blades
- Packaged in a sturdy, vinyl case
- Individual blade pockets
- Conveniently folds flat
- Each blade is clearly etched with size in metric and decimal
- Ends are rounded and edges are smooth for safety
- Vinyl case helps prevent rust and extends blade life

Contains these 20 Thicknesses:

.001"/.025mm, .0015"/.038mm, .002"/.051mm, .003"/.076mm, .004"/.102mm, .005"/.127mm, .006"/.152mm, .007"/.178mm, .008"/.203mm, .009"/.229mm, .010"/.254mm, .012"/.305mm, .014"/.356mm, .015"/.381mm, .016"/.406mm, .018"/.457mm, .020"/.508mm, .022"/.559mm, .024"/.610mm, .025"/.635mm



Mfg Part# PBP No.

19740 19G20

PRECISION BRAND PRODUCTS, INC.

Steel Feeler Gage

"The Big" Pok-Kit® Assortment

12" Long Blades

- Contains twenty 1/2" wide blades
- Packaged in a sturdy, vinyl case
- Individual blade pockets
- Conveniently folds flat
- Each blade is clearly etched with size in metric and decimal
- Ends are rounded and edges are smooth for safety
- Vinyl case helps prevent rust and extends blade life

Contains these 20 Thicknesses:

.001"/.025mm, .0015"/.038mm, .002"/.051mm, .003"/.076mm, .004"/.102mm, .005"/.127mm, .006"/.152mm, .007"/.178mm, .008"/.203mm, .009"/.229mm, .010"/.254mm, .012"/.305mm, .014"/.356mm, .015"/.381mm, .016"/.406mm, .018"/.457mm, .020"/.508mm, .022"/.559mm, .025"/.635mm, .030"/.762mm



Mfg Part# PBP No.

19990 19G40

PRECISION BRAND PRODUCTS, INC.

Steel Feeler Gage

Fan Blade Assortment

- Contains twenty-five 3" long by 1/2" wide blades
- Heavy-duty swivel holder
- Rounded ends for safety
- Sizes etched on each blade
- Packaged in chipboard box

Contents: .0015", .002", .003", .004", .005", .006", .007", .008", .009", .010", .011", .012", .013", .014", .015", .016", .018", .020", .022", .024", .025", .028", .030", .032", .035"



Mfg Part#

19821

PRECISION BRAND PRODUCTS, INC.

Steel Feeler Gage

Metric Poc-Kit® Assortment

- Precision Brand brings you "true" metric feeler gage in a convenient assortment
- Made of C1095 close grain, high carbon spring steel
- Assortment contains twenty 12.7mm (1/2") wide x 127mm (5") long blades
- Each blade is clearly etched with thickness
- Packaged in a sturdy vinyl case with individual blade pockets
- Assortment conveniently folds flat
- Ends are rounded and edges are smooth for safety
- Individual blade thicknesses and coil stock also available on special order



Mfg Part#

09740

PRECISION BRAND PRODUCTS, INC.

Brass Thickness Gage

Poc-Kit® Assortment

- Precision Brand Brass Thickness Gage is made of 1/2" wide 260 alloy
- Contains twenty 5" long x 1/2" wide blades
- Packaged in a sturdy, vinyl case which extends blade life
- Individual blade pockets
- Conveniently folds flat
- Each blade is clearly etched with size in metric and decimal
- Ends are rounded and edges are smooth for safety

Contains 20 Thicknesses:

.001", .0015", .002", .003", .004", .005", .006", .007", .008", .009", .010", .012", .014", .015", .020", .022", .025", .030"



Mfg Part#

76740

PRECISION BRAND PRODUCTS, INC.

Brass Thickness Gage

- Precision Brand Brass Thickness Gage is made of 1/2" wide 260 alloy
- Used in manufacturing, tool & die, or maintenance of a technical nature where stringent, corrosion resistant and low magnetism material is needed to check extremely tight tolerances or close spacing
- When inserted, material should not cause a spark
- Ideal industries: computer, mining & electronics
- Blades have size etched every 6" in decimal and metric
- Bulk material also available



Thck. (Dec.)	Thck. (mm)	12" Lengths	Mfg Part#	5" Lengths	Mfg Part#
.001	.025	76120		76115	
.0015	.038	76145		76140	
.002	.051	76170		76165	
.003	.076	76210		76205	
.004	.102	76235		76230	
.005	.127	76260		76255	
.006	.152	76285		76280	
.007	.178	76310		76305	
.008	.203	76335		76330	
.009	.229	76360		76355	
.010	.254	76385		76380	
.012	.305	76425		76420	
.014	.356	76465		76460	
.015	.381	76490		76485	
.016	.406	76515		76510	
.018	.457	76555		76550	
.020	.508	76595		76590	
.022	.559	76635		76630	
.024	.610	76675		-	
.025	.635	76700		76695	
.030	.762	76730		76731	
.032	.813	76760		-	

PRECISION BRAND PRODUCTS, INC.

Plastic Thickness Gage

Assortments

- Contains thirteen blades riveted together for on-site convenience
- Made of the highest quality plastic material
- .001" to .005" - Polyester
- .0075" to .030" - Vinyl
- 1/2" wide blades are available in 5" & 12" lengths
- Color indicates thickness
- Packaged in a sturdy vinyl case
- Non-corrosive, non-conductive, non-sparking and non-marring
- Individual blades also available on special order



Each assortment contains 13 Thicknesses:

Decimal/Metric/Color
 .001"/.025mm/Amber
 .0015"/.038mm/Purple
 .002"/.051mm/Red
 .003"/.076mm/Green
 .004"/.102mm/Tan
 .005"/.127mm/Blue
 .0075"/.191mm/Matte
 .010"/.254mm/Brown
 .0125"/.318mm/Black
 .015"/.381mm/Pink
 .020"/.508mm/Yellow
 .025"/.635mm/White
 .030"/.762mm/Coral

Mfg Part#	Desc.
78905	5" Fan Blade
78900	12" Fan Blade

PRECISION BRAND PRODUCTS, INC.

Stainless Steel Thickness Gage

Poc-Kit® Assortment

- Precision Brand Stainless Steel Thickness Gage is made from 1/2" wide 300 Series Stainless Steel
 - Contains twenty 5" long x 1/2" wide blades
 - Contains sixteen different thicknesses; duplicate blades have been included on the four most commonly used thicknesses
 - Packaged in a sturdy, vinyl case which extends blade life
 - Individual blade pockets
 - Conveniently folds flat
 - Each blade is clearly etched with size in metric and decimal
 - Ends are rounded and edges are smooth for safety
- Contains 16 Thicknesses / 20 Pieces:
 2 Pieces each of .001", .0015", .002", .003"
 1 Piece each of .004", .005", .006", .007", .008", .009", .010", .012", .015", .020", .025", .031"



Mfg Part#
77750

PRECISION BRAND PRODUCTS, INC.

Stainless Steel Thickness Gage

- Precision Brand Stainless Steel Thickness Gage is made from 1/2" wide 300 Series Stainless Steel
- Used in manufacturing, tool & die, or maintenance of a technical nature where stringent, corrosion resistant and low magnetism material is needed to check extremely tight tolerances or close spacing
- Material is a good conductor and will withstand high temperatures
- Industries which use this product are aircraft, power/utility, food, automotive and marine
- Rockwell Hardness: RC:45 to 55
- .001" to .031" blades have size etched on the material; .0005" blades have size stamped on blade package
- Bulk material also available



Thck. (Dec.)	Thck. (mm)	12" Lengths Mfg Part#	5" Lengths Mfg Part#	25' Coils Mfg Part#
.0005	.013	77740	-	77105
.001	.025	77120	77115	77125
.0015	.038	77145	77140	77130
.002	.051	77170	77165	77150
.003	.076	77210	77205	77155
.004	.102	77235	77230	77175
.005	.127	77260	77255	77180
.006	.152	77285	77280	77185
.007	.178	77310	77305	77190
.008	.203	77335	77330	77195
.009	.229	77360	77355	77215
.010	.254	77385	77380	77220
.012	.279	77425	77420	77240
.015	.381	77490	77485	77245
.020	.508	77595	77590	77265
.025	.635	77770	77695	77270
.031	.787	77730	77731	77290

PRECISION BRAND PRODUCTS, INC.

Ground Flat Stock

Oil Hardening

- Precision Brand Ground Flat Stock is made from general purpose tool steel
- 18" O-1 Oil Hardened lengths
- Ideal material for tools, dies, punches, templates, stripper plates and general precision machine parts
- Excellent machinability characteristics
- Pre-ground on all surfaces to close tolerances
- An electric furnace melt tool steel
- Fully spheroidized structure
- Non-shrinking
- Meets ASTM-A-681, SAE J-437



Mfg Part# Thck. (In.) Wdth. (In.)

1/16" Thickness

30040	1/16	1/2
30041	1/16	3/4
30042	1/16	1

Mfg Part# Thck. (In.) Wdth. (In.)

30043	1/16	1 1/4
30044	1/16	1 1/2
30045	1/16	1 3/4
30046	1/16	2
30047	1/16	2 1/2
30048	1/16	3
30049	1/16	3 1/2
30050	1/16	4

5/64" Thickness

30060	5/64	1/2
30061	5/64	3/4
30062	5/64	1
30063	5/64	1 1/2
30064	5/64	2

3/32" Thickness

30070	3/32	1/2
30071	3/32	3/4
30072	3/32	1
30073	3/32	1 1/4
30074	3/32	1 1/2
30075	3/32	2
30076	3/32	2 1/2
30077	3/32	3

7/64" Thickness

30082	7/64	1/2
30083	7/64	3/4
30084	7/64	1
30085	7/64	1 1/4
30086	7/64	1 1/2
30087	7/64	2
30088	7/64	3
30089	7/64	4

1/8" Thickness

30100	1/8	1/8
30101	1/8	1/2
30102	1/8	5/8
30103	1/8	3/4
30104	1/8	1
30105	1/8	1 1/4
30106	1/8	1 1/2
30107	1/8	1 3/4
30108	1/8	2
30109	1/8	2 1/2
30110	1/8	3
30111	1/8	3 1/2
30112	1/8	4
30113	1/8	4 1/2
30114	1/8	5
30115	1/8	6

5/32" Thickness

30130	5/32	5/32
30131	5/32	1/2
30132	5/32	3/4
30133	5/32	1
30134	5/32	5/32
30135	5/32	1 1/2
30136	5/32	1 3/4

Mfg Part# Thck. (In.) Wdth. (In.)**3/16" Thickness**

30150	3/16	3/16
30151	3/16	1/2
30152	3/16	3/4
30153	3/16	1
30154	3/16	1 1/4
30155	3/16	1 1/2
30156	3/16	1 3/4
30157	3/16	2
30158	3/16	2 1/2
30159	3/16	3
30160	3/16	3 1/2
30161	3/16	4
30162	3/16	5
30163	3/16	6

7/32" Thickness

30170	7/32	7/32
30171	7/32	1/2
30172	7/32	3/4
30173	7/32	1
30174	7/32	1 1/4
30175	7/32	1 1/2
30176	7/32	2
30177	7/32	3
30178	7/32	4
30179	7/32	6

1/4" Thickness

30180	1/4	1/4
30181	1/4	1/2
30182	1/4	3/4
30183	1/4	1
30184	1/4	1 1/4
30185	1/4	1 1/2
30186	1/4	1 3/4
30187	1/4	2
30188	1/4	2 1/2
30189	1/4	3
30190	1/4	3 1/2
30191	1/4	4
30192	1/4	4 1/2
30193	1/4	5
30194	1/4	5 1/2
30195	1/4	6

5/16" Thickness

30225	5/16	5/16
30226	5/16	1/2
30227	5/16	3/4
30228	5/16	1
30229	5/16	1 1/4
30230	5/16	1 1/2
30231	5/16	1 3/4
30232	5/16	2
30233	5/16	2 1/2
30234	5/16	3
30235	5/16	3 1/2
30236	5/16	4

3/8" Thickness

30250	3/8	3/8
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Mfg Part# Thck. (In.) Wdth. (In.)

30251	3/8	1/2
30252	3/8	3/4
30253	3/8	1
30254	3/8	1 1/4
30255	3/8	1 1/2
30256	3/8	1 3/4
30257	3/8	2
30258	3/8	2 1/2
30259	3/8	3
30260	3/8	3 1/2
30261	3/8	4

1/2" Thickness

30281	1/2	1/2
30282	1/2	5/8
30283	1/2	3/4
30284	1/2	1
30285	1/2	1 1/4
30286	1/2	1 1/2
30287	1/2	2
30288	1/2	2 1/2
30290	1/2	3 1/2
30291	1/2	4
30292	1/2	4 1/2
30293	1/2	5
30294	1/2	6

5/8" Thickness

30310	5/8	5/8
30311	5/8	3/4
30312	5/8	1

3/4" Thickness

30330	3/4	3/4
30331	3/4	1
30332	3/4	1 1/4
30333	3/4	1 1/2
30334	3/4	2

1" Thickness

30360	1	1
30361	1	1 1/4
30362	1	1 1/2
30363	1	2
30364	1	2 1/2
30365	1	3
30366	1	3 1/2
30367	1	4

PRECISION BRAND PRODUCTS, INC.

Hot Melt Coating

- Precision Brand Hot Melt Strippable Protective Coating protects tools, gauges and metal parts from nicks, corrosion and abrasions during storage and shipping
- Packaged in convenient 5 lb. bags; 30 lb. cases consist of six 5 lb bags of the same color.
- Available in two formulas: TYPE 1 and TYPE 2
- Five transparent colors: amber, clear, red, green and blue
- Poly bag packaging means easy handling and storage
- Easy to use, coating is presliced into manageable pieces
- Other colors and types available on special order
- Set time is less than 60 seconds
- To remove, coating peels right off
- Melting temperature:
TYPE 1 = 340-350°F
TYPE 2 = 320-340°F



Mfg Part#	Color	Package
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Type 1 (Ethylcellulose Base)

43005	Amber	5 lb. Bag
43010	Clear	5 lb. Bag
43015	Red	5 lb. Bag
43020	Green	5 lb. Bag
43025	Blue	5 lb. Bag
43105	Amber	30 lb. Case
43110	Clear	30 lb. Case
43115	Red	30 lb. Case
43120	Green	30 lb. Case
43125	Blue	30 lb. Case

Type 2 (Cellulose Acetate Butyrate Base)

43305	Amber	5 lb. Bag
43310	Clear	5 lb. Bag
43315	Red	5 lb. Bag
43320	Green	5 lb. Bag
43325	Blue	5 lb. Bag
43405	Amber	30 lb. Case
43410	Clear	30 lb. Case
43415	Red	30 lb. Case
43420	Green	30 lb. Case
43425	Blue	30 lb. Case

PRECISION BRAND PRODUCTS, INC.

Melting Pots

- Round, cast aluminum, thermostatically controlled
- Includes cover, 6 foot 3 wire grounded cord and plug
- Temperature control ranges from 150 to 550°F
- All units are 115/120 Volt
- Other sizes available on special order
- *Gallon pots may be square with dimensions different than those listed below.



Mfg Part#	Size	Watts	Inside Dia.	Inside Depth	Wt
43900	1 pint	400	3.5"	3"	5
43905	1 quart	600	5"	3.5"	8
43910	2 quarts	600	5.5"	5"	9
43915	4 quarts* (1gallon)	1250	8"	5"	20

PRECISION BRAND PRODUCTS, INC.

Mill Stock - 12"

(Undersized Keystock)

- Precision Brand Mill Stock is used in many key-stock applications
- Material is high quality, low carbon steel
- For closer or undersized dimension tolerances
- Plain finish (unplated)



Mfg Part#	Size (in.)	Size (mm)	Pcs. per Bdl.	Bdl. Wt. (lb)
56501	1/8	3.18	6	.32
56502*	3/16	4.76	6	.72
56503*	1/4	6.35	6	1.28
56504*	5/16	7.94	6	2.00
56505*	3/8	9.53	6	2.87
56506*	7/16	11.11	4	2.60
56507*	1/2	12.70	4	3.40
56508	5/8	15.88	1	1.33
56509	3/4	19.05	1	1.91
56510	7/8	22.23	1	2.60
56511	1	25.40	1	3.40
56680	Asst.*	-	32	13.70

*Assortment contains 1 bdl of each size indicated

PRECISION BRAND PRODUCTS, INC.

Metric Keystock

Gold Plated

- Precision Brand Metric Keystock is used to accommodate metric keyways
- True metric keystock that conforms to metric keyway specifications
- Material is high quality, cold drawn steel, C1020 to C1045
- Gold dichromate plating on most sizes makes product identification easy
- Stocked in 12" lengths, meter and special lengths also available
- Sizes are clearly stamped on each piece



Mfg Part#	Size (mm)	Pcs. per Bdl.	Bdl. Wt. (lb)	Wt
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12" Square

Mfg Part#	Size (mm)	Pcs. per Bdl.	Bdl. Wt. (lb)	Wt
04000**	2	6	.10	1.14
04005**	3	6	.29	2.11
04010*	4	6	.51	4.13
04015*	5	6	.79	
04020*	6	6	1.14	
04025	7	6	1.55	
04030*	8	6	2.02	
04035*	10	4	2.11	
04040*	12	4	3.03	
04045	14	4	4.13	
04050	16	4	5.39	
04055	18	4	6.82	
04060	20	1	2.11	
04065	22	1	2.55	
04070**	25	1	3.29	
04080	Asst*	32	10.50	

12" Rectangular

05000	8 x 5	6	1.27
05005	10 x 6	6	1.91
05010	12 x 6	6	2.29
05015	14 x 6	6	2.70
05020	8 x 7	6	1.77
05025	16 x 7	6	3.60
05030	18 x 7	6	3.90
05035	10 x 8	6	2.53
05040	12 x 8	6	3.03
05045	20 x 8	6	5.10
05050	14 x 9	6	3.98
05055	22 x 9	4	6.30
05060	12 x 10	4	2.53
05065	16 x 10	4	3.37
05070	18 x 11	4	4.17
05075	20 x 12	4	5.05
05080	22 x 14	4	6.49
05085	25 x 14	4	7.37
05090	28 x 16	4	9.43
05095	32 x 18	4	12.13
05100	36 x 20	1	3.79
05120	25 x 22	1	2.90
05105**	40 x 22	1	4.63
05125	28 x 25	1	3.73
05110**	45 x 25	1	5.92
05115**	50 x 28	1	7.37

*Assortment contains 1 bdl of each size indicated.

**Only available in plain finish.

PRECISION BRAND PRODUCTS, INC.**Stainless Steel Keystock****12" Square**

- Precision Brand Stainless Steel Keystock is an excellent alterna-



- tive to Steel Keystock when corrosion resistance is a concern
- Frequently used in food and marine applications
- Made from 300 series stainless steel
- Most tolerances on square dimensions are undersized

Mfg Part#	Size (in.)	Size (mm)	Piece Wt. (lb)
57501	1/8	3.18	.05
57502*	3/16	4.76	.12
57503*	1/4	6.35	.21
57504*	5/16	7.94	.33
57505*	3/8	9.53	.48
57506*	7/16	11.11	.65
57507*	1/2	12.70	.85
57508	5/8	15.88	1.33
57509	3/4	19.05	1.91
57510	7/8	22.23	2.60
57511	1	25.40	3.40
57680	Asst.*	-	11.10

*Assortment contains 4 pieces of each size indicated.

PRECISION BRAND PRODUCTS, INC.**Stainless Steel Keystock****12" Rectangular**

- Precision Brand Stainless Steel Keystock is an excellent alternative to Steel Keystock when corrosion resistance is a concern
- Frequently used in food and marine applications
- Made from 300 series stainless steel
- Most tolerances on square dimensions are undersized



Mfg Part#	Size (in.)	Size (mm)	Piece Wt. (lb)
53501	3/16 x 1/2	4.76 x 12.70	.32
53502	1/4 x 1/2	6.35 x 12.70	.43
53503	3/8 x 1/2	9.53 x 12.70	.64
53504	3/8 x 3/4	9.53 x 19.05	.96
53505	1/2 x 3/4	12.70 x 19.05	1.28
53506	5/8 x 3/4	15.88 x 19.05	1.59
53507	5/8 x 1	15.88 x 25.40	2.13
53508	3/4 x 1	19.05 x 25.40	2.55

PRECISION BRAND PRODUCTS, INC.**Steel Keystock****12" Square - Zinc Plated**

- Precision Brand Keystock is used to provide driving torque between shafts and pulleys, gears, sprockets, etc.
- Material is high quality steel
- Most tolerances on dimensions are oversized to assure tight fits in keyways for positive, zero backlash power transmission
- Sizes are clearly marked on each piece
- NOTE: 1st Column of part numbers are Zinc Plated, and the last column of part numbers are Plain.



Mfg Part#	Size (in.)	Pcs. Per Bdl.	Bdl. Wt. (lb)	Plain Mfg Part#
14125	3/32	10	.29	54125
14150	1/8	10	.53	54150
14175	5/32	10	.83	54175
14200*	3/16	6	.72	54200

Mfg Part#	Size (in.)	Pcs. Per Bdl.	Bdl. Wt. (lb)	Plain Mfg Part#
14225	7/32	6	.98	54225
14250*	1/4	6	1.28	54250
14275	3/32	6	1.62	54275
14300*	5/16	6	2.00	54300
14325	3/8	6	2.87	54325
14350*	7/16	4	2.60	54350
14375*	1/2	4	3.40	54375
14400	1/16	4	4.32	54400
14425	5/8	4	5.31	54425
14430	11/16	4	6.43	54430
14450	3/4	4	7.65	54450
14460	13/16	4	9	54470
14475	7/8	4	10.41	54475
14500	1	4	13.60	54500
14525	1 1/8	2	8.61	54525
14550	1 3/16	2	9.59	54550
14575	1 1/4	2	10.63	54575
14600	1 3/8	2	12.86	54600
14625	1 1/2	2	15.30	54625
14635	1 5/8	1	8.98	54635
14650	1 3/4	1	10.41	54650
14655	1 7/8	1	11.95	54655
14675	2	1	13.60	54675
14680	Asst.*	32	12.87	-

*Assortment contains 1 bdl. of each size indicated

PRECISION BRAND PRODUCTS, INC.

Steel Keystock

12" Rectangular - Zinc Plated

- Precision Brand Keystock is used to provide driving torque between shafts and pulleys, gears, sprockets, etc.
- Material is high quality steel
- Most tolerances on dimensions are oversized to assure tight fits in keyways for positive, zero backlash power transmission
- Sizes are clearly marked on each piece
- NOTE: 1st Column of part numbers are Zinc Plated, and the last column of part numbers are Plain.



Mfg Part#	Size (in.)	Pcs. per Bdl.	Bdl. Wt. (lb)	Plain Mfg Part#
15125	1/8 x 3/16	6	.48	55125
15150	1/8 x 1/4	6	.63	55150
15175	1/8 x 3/8	6	.95	55175
15200	3/16 x 1/4	6	.97	55200
15225	3/16 x 5/16	6	1.19	55225
15250	3/16 x 3/8	6	1.43	55250
15275	3/16 x 1/2	6	1.91	55275
15300	1/4 x 5/16	6	1.60	55300
15325*	1/4 x 3/8	6	1.91	55325
15350*	1/4 x 1/5	6	2.55	55350
15375*	5/16 x 3/8	6	2.39	55375
15385	5/16 x 7/16	6	2.79	55385
15400*	5/16 x 1/2	6	3.19	55400
15425	5/16 x 5/8	6	3.98	55425
15445	3/8 x 7/16	6	3.35	55445
15450*	3/8 x 1/2	6	3.83	55450
15475	3/8 x 5/8	6	4.78	55475
15500	3/8 x 3/4	6	5.74	55500
15515	7/16 x 1/2	6	4.50	55515
15510	7/16 x 5/8	6	5.58	55510
15520	1/2 x 9/16	6	5.74	55520
15525*	1/2 x 5/8	6	6.38	55525
15550*	1/2 x 3/4	6	7.65	55550
15555	1/2 x 7/8	6	8.93	55555
15570	9/16 x 1	6	11.48	55570
15575*	5/8 x 3/4	4	6.36	55575
15585	5/8 x 7/8	4	7.44	55585
15600	5/8 x 1	4	8.52	55600
15615	3/4 x 7/8	4	8.92	55615
15625	3/4 x 1	4	10.20	55625
15635	3/4 x 1-1/4	4	12.75	55635
15645	7/8 x 1	4	11.90	55645
15655	7/8 x 1-1/4	4	14.88	55655
15665	1 x 1-1/4	4	17.00	55655
15675	1 x 1-1/2	4	20.40	55675
15680	Asst.*	16	12.50	-

*Assortment contains 2 pieces of each size indicated.

PRECISION BRAND PRODUCTS, INC.**Step Keystock****12" Zinc Plated**

- Used in the transmission of power from a shaft to a gear, sprocket, sheave, pulley, coupling, etc.
- Often referred to as "Offset Keystock"
- Made from low carbon steel material
- Type 1 used for shafts
- Type 2 used for gears, sprockets, etc.
- Sold by individual piece



Mfg Part#	Type	Dim. A	Dim. B	Dim. C	Dim. D	Wt (lbs)
15801*	1	3/16	3/32	1/8	1/16	.12
15802	2	3/16	3/32	1/4	3/32	.16
15803*	2	3/16	3/32	1/4	1/8	.21
15804*	2	1/4	1/8	5/16	1/8	.27
15805	2	1/4	1/8	3/8	1/8	.32
15806*	2	1/4	1/8	3/8	3/16	.40
15807	1	3/8	3/16	5/16	1/8	.40
15808*	1	3/8	3/16	5/16	5/32	.48
15809	2	3/8	3/16	7/16	5/32	.56
15810	2	3/8	3/16	1/2	3/16	.64
15811*	2	3/8	3/16	1/2	1/4	.75
15812	1	1/2	1/4	7/16	5/32	.75
15813	2	1/2	1/4	9/16	3/16	.93
15814	2	1/2	1/4	5/8	3/16	.93
15815*	2	1/2	1/4	5/8	5/16	1.20
15816	2	1/2	1/4	11/16	1/4	1.28
15817	1	5/8	5/16	3/8	3/16	1.06
15818	2	5/8	5/16	11/16	1/4	1.43
15819	1	3/4	3/8	1/2	1/4	1.60
15820	1	3/4	3/8	5/8	3/16	1.43
15821	1	3/4	3/8	5/8	5/16	1.91
15822	1	3/4	3/8	11/16	1/4	1.60
15823	2	3/4	3/8	13/16	9/32	2.25
15824	2	3/4	3/8	7/8	7/16	2.61
15825	2	3/4	3/8	15/16	5/16	2.99
15826	2	3/4	3/8	1	1/2	2.98
15827	1	1	1/2	7/8	7/16	3.40
15899	Asst*	-	-	-	-	6.82

*Assortment contains 1 piece of each size indicated.

PRECISION BRAND PRODUCTS, INC.**Steel Keystock****36" Square - Zinc Plated**

- Precision Brand Keystock is used to provide driving torque between shafts and pulleys, gears, sprockets, etc.
- Material is high quality steel
- Most tolerances on dimensions are oversized to assure tight fits in keyways for positive, zero backlash power transmission
- Sizes are clearly marked on each piece
- NOTE: 1st Column of part numbers are Zinc Plated, and the last column of part numbers are Plain.



Mfg Part#	Size (in.)	Pcs. per Bdl.	Bdl. Wt. (lb)	Plain Mfg Part#	Wt
14700	1/8	10	1.60	54149	1.6
14710*	3/16	10	3.60	54199	3.6
14720*	1/4	10	6.40	54249	6.4
14730	5/16	10	10.00	54299	10
14740*	3/8	10	14.30	54324	14.3
14750*	1/2	10	25.50	54374	25.5
14760	5/8	6	23.90	54424	23.9
14770*	3/4	6	34.40	54449	34.4
14780	7/8	6	46.90	54474	
14790	1	2	20.40	54499	20.4
14800	1 3/16	2	28.80	54549	
14810	1 1/4	2	31.90	54574	
14820	1 3/8	2	38.60	54599	
14830	1 1/2	2	45.90	54624	
14999	Asst.*	2	84.24	-	

*Assortment contains 1 bundle of each size indicated.

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Clevis Pins

Pins are made from cold formed low carbon steel. Plated finish extends life and chamfered hole allows for easy insertion.

Kit Contains:

- (6) 3/16" x 1"
- (7) 1/4" x 1"
- (4) 1/4" x 1-1/4"
- (7) 1/4" x 1-1/2"
- (4) 1/4" x 1-3/4"
- (6) 1/4" x 2" 5 3/8" x 1"
- (3) 1/4" x 2-1/4"
- (3) 1/4" x 2-1/2"
- (6) 5/16" x 1"
- (4) 5/16" x 1-1/4"
- (5) 5/16" x 1-1/2"
- (4) 5/16" x 1-3/4"
- (3) 5/16" x 2"
- (2) 5/16" x 2-1/4"
- (2) 5/16" x 2-1/2"
- (2) 5/16" x 2-3/4"
- (4) 3/8" x 1-1/2"
- (2) 3/8" x 2"
- (2) 1/2" x 1-1/2"
- (2) 1/2" x 2"



Mfg Part#	Desc.
13965	83 Pcs.

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Cotter Pins

Strong and flexible zinc plated steel pins with one prong extended for easy insertion and bending. Pins also have chisel point ends.

Kit contains:

- (130) 1/16" x 1"
- (100) 1/8" x 1-1/4"
- (80) 1/8" x 2"
- (150) 3/32" x 1"
- (100) 3/32" x 1 3/4"
- (40) 5/32" x 2 1/2"



Mfg Part#	Desc.
12905	600 Pcs.

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Stainless Steel Cotter Pins

These pins are made from corrosion resistant stainless steel with one prong extended for easy insertion.

Kit Contains:

- (8) 1/16" x 3/4"
- (8) 1/16" x 1"
- (10) 3/32" x 3/4"
- (12) 3/32" x 1"
- (12) 3/32" x 1-1/2"
- (8) 3/32" x 2"
- (12) 1/8" x 1"
- (8) 1/8" x 1-1/4"
- (8) 1/8" x 1-1/2"
- (10) 1/8" x 2"
- (8) 5/32" x 1-1/2"
- (8) 5/32" x 2"
- (6) 3/16" x 1-1/2"
- (6) 3/16" x 2"



Mfg Part#	Desc.
12995	124

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Dowel Pins

Made from alloy steel, these pins have a plain finish and are used to retain parts in a fixed position or to preserve alignment when extreme accuracy is required.

Kit contains

diameters: 1/16", 1/8", 3/16", 1/4", 5/16", 3/8" & 1/2". Available in various lengths from 3/8" to 2".



Mfg Part#	Desc.
12912	176 Pcs.

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits E-Clips

External clips, made of carbon steel to retain positive retention of pulleys, sprockets, springs and bearings on shafts and rods.

Kit Contains:

- (30) 1/8"
- (20) 5/32"
- (30) 3/16"
- (20) 7/32"
- (30) 1/4"
- (30) 5/16"
- (30) 3/8"
- (25) 7/16"
- (20) 1/2"
- (15) 5/8"
- (10) 3/4"
- (5) 7/8"



Mfg Part#	Desc.
12910	265 Pcs.

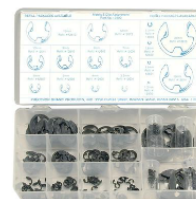
PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Metric E-Clips

External metric size clips, made of carbon steel to retain positive retention of pulleys, sprockets, springs and bearings on shafts and rods.

Kit Contains:

- (35) 1.2mm
- (30) 1.5mm
- (30) 1.9mm
- (25) 2.3mm
- (20) 3.2mm
- (15) 4mm
- (15) 5mm
- (15) 6mm
- (10) 7mm
- (10) 8mm
- (10) 9mm
- (5) 10mm
- (10) 12mm
- (15) 15mm
- (5) 19mm
- (5) 24mm



Mfg Part#	Desc.
13990	255 Pcs.

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Electrical Terminals

High quality terminals and connectors for industrial and automotive applications.

Kit Contains:
(30) Butt Connectors

(20) Insulated Quick Slide Terminals

(20) Non-insulated Quick Slide Terminals

(5) Self-Splicing Connectors

(40) Spade Terminals

(60) Ring Terminals



Mfg Part#	Desc.
12985	175 Pcs.

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Grease Fittings

These push type, plated fittings permit lubricant to flow while built-in ball, under spring pressure, prevents dirt from entering.

Kit Contains:
(30) 1/4", 28-Straight

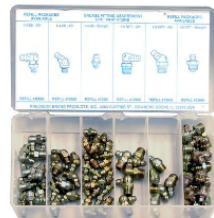
(10) 1/4", 28-45°

(10) 1/4", 28-90°

(30) 1/8", NPT-Straight

(5) 1/8", NPT-45°

(5) 1/8", NPT-90°



Mfg Part#	Desc.
12945	90 Pcs.

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Metric Grease Fittings

These push type, plated fittings permit lubricant to flow while built-in ball, under spring pressure, prevents dirt from entering.

Kit Contains:

(20) 6mm x 1mm x Straight

(10) 6mm x 1mm x 45°

(10) 6mm x 1mm x 90°

(20) 8mm x 1mm x Straight

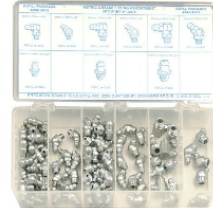
(10) 8mm x 1mm x 45°

(10) 8mm x 1mm x 90°

(5) 10mm x 1mm x Straight

(5) 10mm x 1mm x 45°

(5) 10mm x 1mm x 90°



Mfg Part#	Desc.
13975	95 Pcs.

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Hitch Pin Clips

Reusable, quick release pins for fast assembly and disassembly. Made of spring steel maintains tension.

Kit Contains:

(60) 1/16", #18

(30) 3/32", #3

(20) 3/32", #7

(20) 1/8", #16

(15) 5/32", #10

(5) 3/16", #6



Mfg Part#	Desc.
12915	150 Pcs.

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Housing Rings

Internal rings with tapered design to maintain constant pressure to prevent slippage of axles, gears and bearings inside machinery housing.

Kit Contains:

(15) 1/2"

(15) 5/8"

(15) 11/16"

(15) 3/4"

(15) 13/16"

(15) 7/8"

(10) 1"

(10) 1-1/16"

(10) 1-1/8"

(10) 1-1/4"

(10) 1-3/8"

(10) 1-1/2"

(10) 1-5/8"

(10) 1-3/4"



Mfg Part#	Desc.
12920	150 Pcs.

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits O Rings

Made of BUNA-N 70 durometer rubber compound. Creates a tight seal for fluid or gas connections.

Kit Contains:

140 pcs. of 1/16" body

80 pcs. of 3/32" body

80 pcs. of 1/8" body

Various sizes are included for each body size.



Mfg Part#	Desc.
12930	300 Pcs.

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Metric Housing Rings

Internal metric size rings with tapered design to maintain constant pressure to prevent slippage of axles, gears and bearings inside machinery housing.

Kit Contains:

- (20) 10mm
- (15) 11mm
- (20) 12mm
- (18) 14mm
- (15) 15mm
- (18) 16mm
- (12) 18mm
- (10) 19mm
- (12) 20mm
- (10) 22mm
- (10) 24mm
- (8) 25mm
- (5) 26mm
- (8) 28mm
- (8) 30mm
- (8) 32mm
- (5) 35mm
- (3) 36mm
- (3) 37mm
- (5) 38mm
- (5) 40mm



Mfg Part#	Desc.
13985	218 Pcs.

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Metric O Rings

Made of BUNA-N 70 durometer rubber compound. Creates a tight seal for fluid or gas connections.

Kit Contains:

- 125 pcs. of 2mm body
- 95 pcs. of 2.5mm body
- 130 pcs. of 3mm body
- Various sizes are included for each body size.



Mfg Part#	Desc.
13955	350 Pcs.

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Machinery Keys

Zinc plated steel, square keys have smooth corners for easy insertion into keyways.

Kit Contains:

- (3) 1/8" x 1/8" x 3/4"
- (3) 1/8" x 1/8" x 1"
- (5) 3/16" x 3/16" x 3/4"
- (5) 3/16" x 3/16" x 1"
- (5) 3/16" x 3/16" x 1-1/4"
- (5) 1/4" x 1/4" x 3/4"
- (5) 1/4" x 1/4" x 1-1/4"
- (5) 1/4" x 1/4" x 1-1/2"
- (5) 5/16" x 5/16" x 1-1/4"
- (5) 5/16" x 5/16" x 1 1/2"
- (5) 3/8" x 3/8" x 1-1/4"
- (5) 3/8" x 3/8" x 1-1/2"
- (2) 1/2" x 1/2" x 1-1/2"



Mfg Part#	Desc.
12955	58 Pcs.

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Plastic Hose Clamps

These clamps are heat stabilized for motor applications, lightweight and corrosion resistant.

Kit Contains:

- (12) .228" x .256"
- (12) .307" x .342"
- (12) .351" x .394"
- (12) .404" x .452"
- (12) .449" x .511"
- (12) .513" x .586"
- (10) .569" x .650"
- (10) .616" x .707"
- (10) .702" x .801"
- (10) .779" x .899"
- (8) .859" x .989"
- (8) .928" x 1.072"
- (6) .985" x 1.135"
- (6) 1.123" x 1.296"
- (6) 1.218" x 1.405"



Mfg Part#	Desc.
12965	146 Pcs.

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Retaining Rings

Similar to housing rings, these external rings accommodate components with large chamfers and radii.

Kit Contains:

- (20) 1/2"
- (20) 9/16"
- (20) 19/32"
- (20) 5/8"
- (15) 11/16"
- (15) 3/4"
- (10) 7/8"
- (10) 1"
- (10) 1 1/4"



Mfg Part#	Desc.
12935	140 Pcs.

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Roll Pins

Made of flexible spring steel, cold rolled, hardened and tempered.

Chamfered ends simplify insertion. Kit contains four of each of the following pin diameters: 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", and 3/8".



Mfg Part#	Desc.
12925	300 Pcs.

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Metric Roll Pins

Made of flexible spring steel, cold rolled, hardened and tempered. Chamfered ends simplify insertion. Kit contains 1.5, 2, 3, 4, 5, 6, 8 and 10 millimeter diameters in various lengths from 6 to 80 millimeters.



Mfg Part#	Desc.
12960	287 Pcs.

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Set Screws

High grade alloy steel set screws with hexagon recessed heads. Ends have cup points for positive torque.

Kit Contains:

- (10) 6-32 x 3/16"
- (10) 8-32 x 3/16"
- (10) 10-24 x 1/4"
- (30) 1/4-20 x 1/4"
- (20) 1/4-28 x 1/4"
- (20) 1/4-20 x 3/8"
- (30) 5/16-18 x 3/8"
- (20) 5/16-24 x 3/8"
- (20) 5/16-18 x 1/2"
- (10) 3/8-16 x 3/8"
- (10) 3/8-24 x 3/8"
- (10) 3/8-16 x 1/2"



Mfg Part#	Desc.
12950	200 Pcs.

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Metric Set Screws

High grade alloy steel set screws with hexagon recessed heads. Ends have cup points for positive torque.

Kit Contains:

- (25) M3 x 0.5mm x 3mm
- (25) M3 x 0.5mm x 6mm
- (25) M3 x 0.5mm x 10mm
- (25) M4 x 0.7mm x 4mm
- (25) M4 x 0.7mm x 6mm
- (25) M4 x 0.7mm x 10mm
- (25) M5 x 0.8mm x 5mm
- (25) M5 x 0.8mm x 8mm
- (25) M5 x 0.8mm x 12mm
- (25) M6 x 1.0mm x 6mm
- (25) M6 x 1.0mm x 8mm
- (25) M6 x 1.0mm x 10mm
- (25) M8 x 1.25mm x 8mm
- (25) M8 x 1.25mm x 12mm
- (25) M8 x 1.25mm x 16mm



Mfg Part#	Desc.
12975	375 Pcs.

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Stainless Steel Roll Pins

Made of stainless steel and have chamfered ends for ease of insertion

Kit contains 1/16", 3/32", 1/8", 3/16", 1/4", 5/16", 3/8" diameters. Various lengths included for each diameter.



Mfg Part#	Desc.
12990	300

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Stainless Steel Set Screws

Stainless steel set screws with hexagon recessed heads. Ends have cup points for positive torque.

Kit Contains:

- (5) 4-40 x 3/16"
- (10) 6-32 x 3/16"
- (5) 6-32 x 1/4"
- (10) 8-32 x 3/16"
- (5) 8-32 x 1/4"
- (10) 10-24 x 1/4"
- (5) 10-32 x 1/4"
- (5) 10-32 x 3/8"
- (25) 1/4-20 x 1/4"
- (20) 1/4-20 x 3/8"
- (5) 1/4-20 x 1/2"
- (20) 1/4-28 x 1/4"
- (25) 5/16-18 x 3/8"
- (20) 5/16-18 x 1/2"
- (20) 5/16-24 x 3/8"
- (10) 3/8-16 x 3/8"
- (10) 3/8-16 x 1/2"
- (10) 3/8-24 x 3/8"



Mfg Part#	Desc.
13935	220 Pcs.

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Snap Rings

External, spring steel snap rings used to retain pulleys, gears or wheels on shafts.

- (30) 1/4"
- (20) 5/16"
- (50) 3/8"
- (20) 7/16"
- (50) 1/2"
- (20) 9/16"
- (30) 5/8"
- (35) 3/4"
- (10) 13/16"
- (20) 7/8"
- (10) 1"
- (5) 1-1/4"



Mfg Part#	Desc.
12900	300 Pcs.

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Metric Snap Rings

External, black phosphate coated, metric size spring steel snap rings used to retain pulleys, gears or wheels on shafts.

Kit Contains:

- (25) 6mm
- (20) 8mm
- (15) 9mm
- (20) 10mm
- (20) 11mm
- (20) 12mm
- (10) 13mm
- (20) 14mm
- (15) 15mm
- (20) 16mm
- (10) 17mm
- (15) 18mm
- (10) 19mm
- (15) 20mm
- (10) 21mm
- (10) 22mm
- (10) 24mm
- (10) 25mm
- (5) 28mm
- (5) 30mm
- (5) 32mm
- (5) 35mm



Mfg Part#	Desc.
13980	295 Pcs.

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Socket Head Cap Screws

High grade alloy steel socket head screws with hexagon recessed heads.

Kit Contains:
(10) 6-32 x 1/2"
(10) 6-32 x 1"
(10) 8-32 x 1/2"
(10) 8-32 x 3/4"
(10) 8-32 x 1"
(10) 10-32 x 1/2"
(10) 10-32 x 3/4"
(10) 10-32 x 1"
(10) 10-24 x 1/2"
(10) 10-24 x 1"
(10) 1/4-20 x 1/2"
(10) 1/4-20 x 3/4"
(10) 1/4-20 x 1"
(10) 1/4-20 x 1-1/4"
(10) 1/4-20 x 1-1/2"
(10) 1/4-28 x 3/4"
(10) 1/4-28 x 1"
(10) 1/4-28 x 1-1/4"
(10) 1/4-28 x 1-1/2"



Mfg Part#	Desc.
12970	190 Pcs.

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Socket Head Cap Screws Metric

High grade alloy steel metric socket head screws with hexagon recessed heads.

Kit Contains:
(25) M4 x 0.7mm x 10mm
(25) M4 x 0.7mm x 12mm
(25) M4 x 0.7mm x 20mm
(25) M4 x 0.7mm x 25mm
(25) M5 x 0.8mm x 12mm
(25) M5 x 0.8mm x 20mm
(10) M5 x 0.8mm x 25mm
(10) M5 x 0.8mm x 30mm
(10) M6 x 1.0mm x 12mm
(10) M6 x 1.0mm x 20mm
(10) M6 x 1.0mm x 25mm
(10) M6 x 1.0mm x 30mm
(10) M6 x 1.0mm x 40mm
(10) M8 x 1.25mm x 20mm
(10) M8 x 1.25mm x 25mm
(10) M8 x 1.25mm x 30mm
(3) M8 x 1.25mm x 40mm
(2) M8 x 1.25mm x 45mm



Mfg Part#	Desc.
12980	255 Pcs.

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Taper Pins

Made from low carbon steel. These pins are mainly used for hole alignment in maintenance machinery. They are tapered 1/4" per foot.

Kit contains #0, #1, #2, #3, #4, #5, and #6 sizes. Available in various lengths from 3/4" to 3".



Mfg Part#	Desc.
12907	100 Pcs.

PRECISION BRAND PRODUCTS, INC.

Punch and Die Sets

- Traditional style punch and die set
- Economical way to make washers, shims and gaskets
- Cut steel, brass, copper, aluminum, rubber and plastic up to .025 inch thick
- Cut stainless and blue tempered shim up to .010 inch thick
- Clear plastic top plate is marked with accurate center lines
- Nine punch sizes: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" and 3/4"



Mfg Part#	Desc.
40105	Complete Punch and Die Set
40100	Replacement Punches (complete set only)

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Woodruff Keys

Precise, zinc plated steel keys used for pulleys and drive shaft applications.

Kit Contains:
(10) 1/16" x 3/8"
(20) 3/32" x 3/8"
(10) 1/8" x 3/8"
(10) 1/16" x 1/2"
(20) 3/32" x 1/2"
(20) 1/8" x 1/2"
(10) 3/32" x 5/8"
(30) 1/8" x 5/8"
(40) 5/32" x 5/8"
(5) 3/16" x 5/8"
(20) 1/8" x 3/4"
(10) 5/32" x 3/4"
(20) 3/16" x 3/4"
(5) 1/4" x 3/4"
(5) 5/32" x 7/8"
(5) 3/16" x 7/8"
(5) 7/32" x 7/8"
(5) 1/4" x 7/8"



Mfg Part#	Desc.
12940	250 Pcs.

PRECISION BRAND PRODUCTS, INC.

Maintenance Kits Stainless Steel Woodruff Keys

Precise, stainless steel keys used for pulley and drive shaft applications where corrosion resistance is a factor.

Kit Contains:
(5) 1/6" x 3/8"
(5) 3/32" x 3/8"
(5) 1/8" x 3/8"
(5) 1/16" x 1/2"
(5) 3/32" x 1/2"
(5) 1/8" x 1/2"
(4) 1/8" x 5/8"
(4) 5/32" x 5/8"
(4) 3/16" x 5/8"
(4) 1/8" x 3/4"
(4) 5/32" x 3/4"
(4) 3/16" x 3/4"
(4) 1/4" x 3/4"
(3) 3/16" x 7/8"
(3) 1/4" x 7/8"
(2) 1/4" x 1"



Mfg Part#	Desc.
PBP13970	66 Pcs.

PRECISION BRAND PRODUCTS, INC.

Punch and Die Sets

Self-Centering

TruPunch®

- Precision Brand TruPunch® sets make perfect, custom washers, shims and gaskets in seconds
- Eliminates time and material wasted with conventional punch & dies
- No guess work needed to center the I.D.
- No need to scribe center lines
- Exclusive, patented punch, pilot and pin system
- Packaged in a durable plastic case
- Can accommodate O.D. sizes up to 3/4"
- Nine punch sizes: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" and 3/4"
- Eight I.D. pilot sizes: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2" and 5/8"
- Cut steel, brass, copper, aluminum, rubber and plastic effortlessly up to .025" thick
- Cut stainless and blue tempered shim up to .010" thick



Mfg Part#	Desc.
40110	Complete Punch and Die Sets
40115	Replacement Set of Punches, Pins, and Pilots

PRECISION BRAND PRODUCTS, INC.

Punch and Die Stand

- Precision Brand Punch & Die Stand provides solid support for consistent shim and washer fabricating
- Custom fit, sturdy steel die stand holds dies from any of the Precision Brand sets: 40105, 40110, 40200 and 40300
- Stand allows for easy access to cut shims and washers
- Elevated die allows punches to fall clean, reduces shim burrs and decreases possible damage to punches
- The last hammer hit to push the punch completely through the die is eliminated, thus reducing risk of injury to the hand holding the die during this process



Mfg Part#	Desc.
40999	Die Stand

PRECISION BRAND PRODUCTS, INC.

Punch and Die Sets

Self-Centering

THE BIG TruPunch®

- Precision Brand "THE BIG" TruPunch® sets make perfect, custom washers, shims and gaskets in seconds
- Eliminates time and material wasted with conventional punch & dies
- No guess work needed to center the I.D.
- No need to scribe center lines
- Exclusive, patented punch, pilot and pin system
- Packaged in a durable plastic case
- THE BIG TruPunch set can accommodate O.D. sizes up to 1-1/4"
- Four punch sizes: 7/8", 1", 1-1/8" and 1-1/4"
- Four I.D. pilot sizes: 3/4", 7/8", 1" and 1-1/8"
- Works in conjunction with Precision Brand's TruPunch® #40110 (see above), I.D. pilots are interchangeable to allow for 77 O.D. and I.D. shim combinations
- Cut brass, copper, aluminum, rubber and plastic effortlessly up to .020" thick
- Cut steel up to .015" thick
- Cut stainless and blue tempered shim up to .010" thick



Mfg Part#	Desc.
40200	Complete Punch & Die Set
40215	Replacement Punches, Pins & Pilots

PRECISION BRAND PRODUCTS, INC.

Color Coded Shim

Flat Sheet Assortments

- Precision Brand Color Coded Shim is made from a high quality plastic material
 - Eliminates need for micrometer, saves time and reduces error
 - Used for gaskets, special parts and various manufacturing applications
 - Easy to cut
 - Resists oil
 - Minimal compression during use
 - Non-conductive to electricity
 - Thickness indicated by shim color
- Each assortment contains 1 each of the following thicknesses:
 .0005, .001, .0015, .002, .003, .004, .005, .0075, .010, .0125, .015, .020, .025, .030.



Mfg Part#	Size (in)
44905	5 x 20

Mfg Part# Size (in)

44910	10 x 20
44915	20 x 20

PRECISION BRAND PRODUCTS, INC.

Punch and Die Sets

Self-Centering

"Metric 10" TruPunch®

- Precision Brand "Metric 10" TruPunch® sets make perfect, custom washers, shims and gaskets in seconds
- Eliminates time and material wasted with conventional punch & dies
- No guess work needed to center the I.D.
- No need to scribe center lines
- Exclusive, patented punch, pilot and pin system
- Packaged in a durable plastic case
- "METRIC 10" TruPunch® by Precision Brand is the first "true metric" self-centering punch & die set
- Ten punch sizes: 3mm, 4mm, 5mm, 6mm, 7mm, 8mm, 10mm, 12mm, 16mm and 20mm
- Nine I.D. pilot sizes: 3mm, 4mm, 5mm, 6mm, 7mm, 8mm, 10mm, 12mm and 16mm
- This set is able to produce 44 different I.D. and O.D. shim combinations
- Cut steel, brass, copper, aluminum, rubber and plastic effortlessly up to .635mm thick
- Cut stainless and blue tempered shim up to .25mm thick



Mfg Part#	Desc.
40300	Complete Punch & Die Set
40315	Replacement Punches, Pins & Pilots

PRECISION BRAND PRODUCTS, INC.

Color Coded Shim Flat Sheets

- Precision Brand Color Coded Shim is made from a high quality plastic material
- Eliminates need for micrometer, saves time and reduces error
- Used for gaskets, special parts and various manufacturing applications
- Easy to cut
- Resists oil
- Minimal compression during use
- Non-conductive to electricity
- Thickness indicated by shim color



Mfg Part#	Size (in.)	Thck. (Dec.)	Thck. (mm)	Color	Material
5" x 20"					
44105	5 x 20	.0005	.013	Silver	Polyester
44110	5 x 20	.001	.025	Amber	Polyester
44115	5 x 20	.0015	.038	Purple	Polyester
44120	5 x 20	.002	.051	Red	Polyester
44125	5 x 20	.003	.076	Green	Polyester
44130	5 x 20	.004	.102	Tan	Polyester
44135	5 x 20	.005	.127	Blue	Polyester
44140	5 x 20	.0075	.191	Matte	Vinyl
44145	5 x 20	.010	.254	Brown	Vinyl
44150	5 x 20	.0125	.318	Black	Vinyl
44155	5 x 20	.015	.381	Pink	Vinyl
44160	5 x 20	.020	.508	Yellow	Vinyl
44165	5 x 20	.025	.635	White	Vinyl
44170	5 x 20	.030	.762	Coral	Vinyl
44175	5 x 20	.040	1.016	Clear	Vinyl
44180	5 x 20	.050	1.270	Clear	Vinyl
44185	5 x 20	.060	1.524	Clear	Vinyl

10" x 20"

44205	10 x 20	.0005	.013	Silver	Polyester
44210	10 x 20	.001	.025	Amber	Polyester
44215	10 x 20	.0015	.038	Purple	Polyester
44220	10 x 20	.002	.051	Red	Polyester
44225	10 x 20	.003	.076	Green	Polyester
44230	10 x 20	.004	.102	Tan	Polyester
44235	10 x 20	.005	.127	Blue	Polyester
44240	10 x 20	.0075	.191	Matte	Vinyl
44245	10 x 20	.010	.254	Brown	Vinyl
44250	10 x 20	.0125	.318	Black	Vinyl
44255	10 x 20	.015	.381	Pink	Vinyl
44260	10 x 20	.020	.508	Yellow	Vinyl
44265	10 x 20	.025	.635	White	Vinyl
44270	10 x 20	.030	.762	Coral	Vinyl
44275	10 x 20	.040	1.016	Clear	Vinyl
44280	10 x 20	.050	1.270	Clear	Vinyl
44285	10 x 20	.060	1.524	Clear	Vinyl

20" x 20"

Mfg Part#	Size (in.)	Thck. (Dec.)	Thck. (mm)	Color	Material
44305	20 x 20	.0005	.013	Silver	Polyester
44310	20 x 20	.001	.025	Amber	Polyester
44315	20 x 20	.0015	.038	Purple	Polyester
44320	20 x 20	.002	.051	Red	Polyester
44325	20 x 20	.003	.076	Green	Polyester
44330	20 x 20	.004	.102	Tan	Polyester
44335	20 x 20	.005	.127	Blue	Polyester
44340	20 x 20	.0075	.191	Matte	Vinyl
44345	20 x 20	.010	.254	Brown	Vinyl
44350	20 x 20	.0125	.318	Black	Vinyl
44355	20 x 20	.015	.381	Pink	Vinyl
44360	20 x 20	.020	.508	Yellow	Vinyl
44365	20 x 20	.025	.635	White	Vinyl
44370	20 x 20	.030	.762	Coral	Vinyl
44375	20 x 20	.040	1.016	Clear	Vinyl
44380	20 x 20	.050	1.270	Clear	Vinyl
44385	20 x 20	.060	1.524	Clear	Vinyl

25" x 50"

44405	25 x 50	.0005	.013	Silver	Polyester
44410	25 x 50	.001	.025	Amber	Polyester
44415	25 x 50	.0015	.038	Purple	Polyester
44420	25 x 50	.002	.051	Red	Polyester
44425	25 x 50	.003	.076	Green	Polyester
44430	25 x 50	.004	.102	Tan	Polyester
44435	25 x 50	.005	.127	Blue	Polyester
44440	25 x 50	.0075	.191	Matte	Vinyl
44445	25 x 50	.010	.254	Brown	Vinyl
44450	25 x 50	.0125	.318	Black	Vinyl
44455	25 x 50	.015	.381	Pink	Vinyl
44460	25 x 50	.020	.508	Yellow	Vinyl
44465	25 x 50	.025	.635	White	Vinyl
44470	25 x 50	.030	.762	Coral	Vinyl
44475*	21 x 51	.040	1.016	Clear	Vinyl
44480*	21 x 51	.050	1.270	Clear	Vinyl
44485*	21 x 51	.060	1.524	Clear	Vinyl

*.040 to .060 are 21" x 51"

PRECISION BRAND PRODUCTS, INC.

Color Coded Shim Precision Pak®

- Precision Brand Color Coded Shim is made from a high quality plastic material
- Eliminates need for micrometer, saves time and reduces error
- Used for gaskets, special parts and various manufacturing applications
- Easy to cut
- Resists oil
- Minimal compression during use
- Non-conductive to electricity
- Thickness indicated by shim color



Mfg Part#	Size (in.)	Thck. (Dec.)	Thck. (mm)	Color	Pkg. Qty.
5" x 20"					
44505	5 x 20	.0005	.013	Silver	5
44510	5 x 20	.001	.025	Amber	5
44515	5 x 20	.0015	.038	Purple	5
44520	5 x 20	.002	.051	Red	5
44525	5 x 20	.003	.076	Green	5
44530	5 x 20	.004	.102	Tan	10
44535	5 x 20	.005	.127	Blue	10
44540	5 x 20	.0075	.191	Matte	10
44545	5 x 20	.010	.254	Brown	10
44550	5 x 20	.0125	.318	Black	10
44555	5 x 20	.015	.381	Pink	10
44560	5 x 20	.020	.508	Yellow	10
44565	5 x 20	.025	.635	White	10
44570	5 x 20	.030	.762	Coral	10
44575	5 x 20	.040	1.016	Clear	3
44580	5 x 20	.050	1.270	Clear	3
44585	5 x 20	.060	1.524	Clear	3

10" x 20"

44605	10 x 20	.0005	.013	Silver	5
44610	10 x 20	.001	.025	Amber	5
44615	10 x 20	.0015	.038	Purple	5
44620	10 x 20	.002	.051	Red	5
44625	10 x 20	.003	.076	Green	5
44630	10 x 20	.004	.102	Tan	10
44635	10 x 20	.005	.127	Blue	10
44640	10 x 20	.0075	.191	Matte	10
44645	10 x 20	.010	.254	Brown	10
44650	10 x 20	.0125	.318	Black	10
44655	10 x 20	.015	.381	Pink	10
44660	10 x 20	.020	.508	Yellow	10
44665	10 x 20	.025	.635	White	10
44670	10 x 20	.030	.762	Coral	10
44675	10 x 20	.040	1.016	Clear	3
44680	10 x 20	.050	1.270	Clear	3
44685	10 x 20	.060	1.524	Clear	3

PRECISION BRAND PRODUCTS, INC.

Color Coded Shim

Slotted

- Precision Brand® Plastic Slotted Shim is used for mounting and leveling smaller fractional horsepower motors, various gages and instruments, and light-duty plant machinery
- Each thickness is easily identified by its own color
- A more economical option when stainless steel slotted shim properties are not needed
- Plastic Slotted Shim is not recommended and should not be used for larger, heavier motors
- Each size comes in 20 piece packages and assortments are 170 pieces (10 of each size).



Mfg Part#	Size (in.)	Thck. (Dec.)	Color	Material	Wt (lbs)
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Size AA 1" x 1" - 5/16" Slot Size

42100	1 x 1	.0005	Silver	Polyester	.01
42101	1 x 1	.001	Amber	Polyester	.01
42102	1 x 1	.0015	Purple	Polyester	.01
42103	1 x 1	.002	Red	Polyester	.01
42104	1 x 1	.003	Green	Polyester	.01
42105	1 x 1	.004	Tan	Polyester	.01
42106	1 x 1	.005	Blue	Polyester	.01
42107	1 x 1	.0075	Matte	Vinyl	.02
42108	1 x 1	.010	Brown	Vinyl	.02
42109	1 x 1	.0125	Black	Vinyl	.02
42110	1 x 1	.015	Pink	Vinyl	.02
42111	1 x 1	.020	Yellow	Vinyl	.02
42112	1 x 1	.025	White	Vinyl	.03
42113	1 x 1	.030	Coral	Vinyl	.03
42114	1 x 1	.040	Clear	Vinyl	.04
42115	1 x 1	.050	Clear	Vinyl	.04
42116	1 x 1	.060	Clear	Vinyl	.05
42904*	1 x 1	Asst.	-	-	.19

Size A 2" x 2" - 5/8" Slot Size

42117	2 x 2	.0005	Silver	Polyester	.01
42118	2 x 2	.001	Amber	Polyester	.02
42119	2 x 2	.0015	Purple	Polyester	.02
42120	2 x 2	.002	Red	Polyester	.02
42121	2 x 2	.003	Green	Polyester	.02
42122	2 x 2	.004	Tan	Polyester	.03
42123	2 x 2	.005	Blue	Polyester	.03
42124	2 x 2	.0075	Matte	Vinyl	.04
42125	2 x 2	.010	Brown	Vinyl	.05
42126	2 x 2	.0125	Black	Vinyl	.05
42127	2 x 2	.015	Pink	Vinyl	.06
42128	2 x 2	.020	Yellow	Vinyl	.08
42129	2 x 2	.025	White	Vinyl	.09

Mfg Part#	Size (in.)	Thck. (Dec.)	Color	Material	Wt (lbs)
42130	2 x 2	.030	Coral	Vinyl	.11
42131	2 x 2	.040	Clear	Vinyl	.14
42132	2 x 2	.050	Clear	Vinyl	.17
42133	2 x 2	.060	Clear	Vinyl	.20
42905*	2 x 2	Asst.	-	-	.67

Size B 3" x 3" - 3/4" Slot Size

42134	3 x 3	.005	Silver	Polyester	.02
42134	3 x 3	.001	Amber	Polyester	.02
42136	3 x 3	.0015	Purple	Polyester	.03
42137	3 x 3	.002	Red	Polyester	.03
42138	3 x 3	.003	Green	Polyester	.04
42139	3 x 3	.004	Tan	Polyester	.05
42140	3 x 3	.005	Blue	Polyester	.06
42141	3 x 3	.0075	Matte	Vinyl	.07
42142	3 x 3	.010	Brown	Vinyl	.09
42143	3 x 3	.0125	Black	Vinyl	.11
42144	3 x 3	.015	Pink	Vinyl	.13
42145	3 x 3	.020	Yellow	Vinyl	.17
42146	3 x 3	.025	White	Vinyl	.21
42147	3 x 3	.030	Coral	Vinyl	.24
42148	3 x 3	.040	Clear	Vinyl	.31
42149	3 x 3	.050	Clear	Vinyl	.39
42150	3 x 3	.060	Clear	Vinyl	.47
42906*	3 x 3	Asst.	-	-	1.45

*Assortments contain 10 pieces each size

PRECISION BRAND PRODUCTS, INC.

Die Button Shims

- Shims quickly adjust height of sharpened die button
- Easily extends the "life" of a die button
- Saves time over hand punching custom shims
- Large I.D. accommodates multiple size die openings and reduces the risk of "slug stacking"
- Hardened steel maintains precision thickness under heavy pressure
- .005" thickness is made from 1095 blue tempered spring steel
- .015" and .032" thickness is made from 1075 tempered spring steel
- Available in assortment and refill packages



Mfg Part#	Thck. (Dec.)	Button Size	Max. O.D.	Min. I.D.	Pkg. Qty.	Wt (lbs)
26900	.005"	1/4"	.249"	.17"	50	.01
26901	.015"	1/4"	.249"	.17"	50	.01
26902	.032"	1/4"	.249"	.17"	25	.01
26903	.005"	5/16"	.3115"	.23"	50	.01
26904	.015"	5/16"	.3115"	.23"	50	.01
26905	.032"	5/16"	.3115"	.23"	25	.01
26906	.005"	3/8"	.374"	.285"	50	.01
26907	.015"	3/8"	.374"	.285"	50	.01
26908	.032"	3/8"	.374"	.285"	25	.01
26909	.005"	7/16"	.4365"	.31"	50	.01
26910	.015"	7/16"	.4365"	.31"	50	.02
26911	.032"	7/16"	.4365"	.31"	25	.02
26912	.005"	1/2"	.499"	.35"	50	.02
26913	.015"	1/2"	.499"	.35"	50	.02
26914	.032"	1/2"	.499"	.35"	25	.02
26915	.005"	5/8"	.624"	.47"	50	.01
26916	.015"	5/8"	.624"	.47"	50	.03
26917	.032"	5/8"	.624"	.47"	25	.03
26918	.005"	3/4"	.749"	.595"	50	.02
26919	.015"	3/4"	.749"	.595"	50	.04
26920	.032"	3/4"	.749"	.595"	25	.04
26921	.005"	7/8"	.874"	.625"	50	.03
26922	.015"	7/8"	.874"	.625"	50	.06
26923	.032"	7/8"	.874"	.625"	25	.06
26924	.005"	1"	.999"	.75"	50	.03
26925	.015"	1"	.999"	.75"	50	.07
26926	.032"	1"	.999"	.75"	25	.07
26930	*Asst.	-	-	-	450	.46

*Assortment contains 25 pieces of each .005" and .015" thick sizes listed above.

PRECISION BRAND PRODUCTS, INC.

Laminated Brass Arbor Shim

- Precision Brand Laminated Brass Arbor Shims are made of cold rolled, half hard CDA 260 alloy with .002" laminations
- Just peel off layers to needed thickness
- Allows you more accuracy on-site
- Composition 2, Type 1, Class 1
- I.D./O.D. Tolerances +/- .008
- Thickness tolerances are same as flat sheets
- Sold by the piece

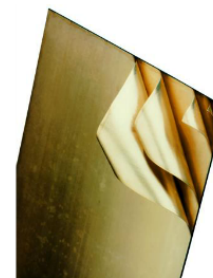


	.020"/.508mm	.032"/.813mm	.062"/1.5755mm	.125"/3.175mm
I.D. x O.D. Size	Mfg Part#	Mfg Part#	Mfg Part#	Mfg Part#
3/8 x 5/8	-	74105	74110	-
1/2 x 3/4	74050	74055	74060	-
5/8 x 1	74200	74205	74210	74215
3/4 x 1-1/8	74250	74255	74260	74265
7/8 x 1-3/8	74300	74305	74310	74315
1 x 1-1/2	74350	74355	74360	74365
1-1/4 x 1-3/4	74400	74405	74410	74415
1-3/8 x 1-7/8	74450	74455	74460	74465
1-1/2 x 2-1/8	74500	74505	74510	74515
1-3/4 x 2-3/4	74550	74555	74560	74565
2 x 2-3/4	74600	74605	74610	74615

PRECISION BRAND PRODUCTS, INC.

Laminated Shim

- Precision Brand Laminated Shim is made by using pressure and adhesive to bond metal shim together which creates a rigid, "one piece" structure/formation that appears to function as a single solid metal sheet or plate.
- Remove layers by simply peeling off/away the unwanted laminate layers with a pocket knife, making the sheet to your required/desired thickness
- Sheets may be cut, sawed, stamped, milled or bored to almost any configuration
- Bonding adhesive makes for just right peeling, no tearing or ripping of the layers
- Sheets are uniform from edge to edge
- Available in TYPE 1 (fully laminated) sheets
- Stocked in Class 1/.002" laminations and Class 2/.003" laminations
- Materials stocked: Aluminum/Comp. 1, Brass/Comp. 2, Stainless/Comp. 3 and Steel/Comp.4, see list below for specific sizes
- TYPE 2 (1/2 solid stock) and TYPE 3 (3/4 solid stock) or other specialty sheets available on special order



		.002 Laminations	.003 Laminations	
Thck. (Dec.)	Thck. (mm)	Mfg Part#	Mfg Part#	Wt (lbs)
8" x 24" Laminated Brass Shim				
Composition 2				
.006	.152	70006	-	.38
.008	.203	70008	-	.50
.010	.254	70010	-	.60
.016	.406	70016	70316	.95
.021	.533	70021	70321	1.20
.032	.813	70032	70332	1.90
.048	1.219	70048	70348	2.80
.062	1.575	70062	70362	3.80
.094	2.388	70094	70394	5.60
.125	3.175	70125	70425	7.50

12" x 24" Laminated Brass Shim

Composition 2

.006	.152	70506	-	.57
.008	.203	70508	-	.75
.010	.254	70510	-	.90
.016	.406	70516	70716	1.42
.021	.533	70521	70721	1.80
.032	.813	70532	70732	2.80

Thck. (Dec.)	Thck. (mm)	.002 Laminations	.003 Laminations	Wt (lbs)
		Mfg Part#	Mfg Part#	
.048	1.219	70548	70748	4.20
.062	1.575	70562	70762	5.70
.094	2.388	70594	70794	8.40
.125	3.175	70625	70825	11.30

24" x 24" Laminated Aluminum Shim
Composition 1

.006	.152	71006	-	.30
.008	.203	71008	-	.40
.010	.254	71010	71310	.60
.016	.406	71016	71316	.90
.021	.533	71021	71321	1.20
.032	.813	71032	71332	1.90
.048	1.219	71048	71348	2.80
.062	1.575	71062	71362	3.60
.094	2.388	71094	71394	5.30
.125	3.175	71125	71425	7.20

20" x 24" Laminated Stainless Steel Shim
Composition 3

.008	.203	72008	-	1.20
.010	.254	72010	72310	1.40
.016	.406	72016	72316	2.30
.020	.508	72020	72320	2.80
.032	.813	72032	72332	4.50
.048	1.219	72048	72348	6.70
.062	1.575	72062	72362	8.70
.094	2.388	72094	72394	13.20
.125	3.175	72125	72425	19.90

20" x 24" Laminated Steel Shim
Composition 4

.006	.152	73006	-	.80
.008	.203	73008	-	1.10
.010	.254	73010	-	1.40
.016	.406	73016	73316	2.30
.020	.508	73020	73320	2.80
.032	.813	73032	73332	4.50
.048	1.219	73048	73348	6.70
.062	1.575	73062	73362	8.70
.094	2.388	73094	73394	13.20
.125	3.175	73125	73425	19.90

PRECISION BRAND PRODUCTS, INC.

Shoulder/Stripper Screw Shims

Lengthening Shims

- Precision Brand Lengthening Shims fit over the stripper screw threads and under the shoulder which, in effect, lengthens the stripper screw length
- Fits six different shoulder screw sizes from 1/4" to 3/4" diameter
- .005" shims are precision die cut from 1095 blue tempered spring steel
- .015" and .032" shims are die cut from 1075 tempered spring steel



Bulk (50 Pcs.) Mfg Part#	Super Bulk (1000 Pcs.) Mfg Part#	Dec. Size I.D.	Dec. Size O.D.	Screw Size	Thck. (Dec.)
26051	26031	.171	.248	1/4"	.005
26052	26032	.171	.248	1/4"	.015
26053	26033	.187	.248	1/4"	.032
26054	26034	.234	.308	5/16"	.005
26055	26035	.234	.308	5/16"	.015
26056	26036	.234	.308	5/16"	.032
26057	26037	.289	.371	3/8"	.005
26058	26038	.289	.371	3/8"	.015
26059	26039	.296	.371	3/8"	.032
26060	26040	.352	.496	1/2"	.005
26061	26041	.352	.496	1/2"	.015
26062	26042	.352	.496	1/2"	.032
26063	26043	.473	.621	5/8"	.005
26064	26044	.473	.621	5/8"	.015
26065	26045	.473	.621	5/8"	.032
26066	26046	.598	.746	3/4"	.005
26067	26047	.598	.746	3/4"	.015
26068	26048	.598	.746	3/4"	.032
26005*	Asst.	-	-	-	All
26999**	Asst.	-	-	-	.015 Only

*Assortment contains 15 of each size listed above, 270 total pieces

**Assortment contains 50 of each .015" size listed above, 300 total pieces

PRECISION BRAND PRODUCTS, INC.

Shoulder/Stripper Screw Shims

Shortening Shims

- Precision Brand Shortening Shims are precision die cut to fit with close tolerances around the shoulder screw shank to fit under the screw head
- Fits six different shoulder screw sizes from 1/4" to 3/4" diameter
- .005" shims are precision die cut from 1095 blue tempered spring steel
- .015" and .032" shims are die cut from 1075 tempered spring steel



Bulk (50 Pcs.)	Super Bulk (1000 Pcs.)				
Mfg Part#	Mfg Part#	Dec. Size I.D.	Dec. Size O.D.	Screw Size	Thck. (Dec.)
26151	26131	.252	.366	1/4"	.005
26152	26132	.252	.366	1/4"	.015
26153	26133	.252	.366	1/4"	.032
26154	26134	.313	.424	5/16"	.005
26155	26135	.313	.424	5/16"	.015
26156	26136	.313	.424	5/16"	.032
26157	26137	.376	.557	3/8"	.005
26158	26138	.376	.557	3/8"	.015
26159	26139	.376	.557	3/8"	.032
26160	26140	.501	.738	1/2"	.005
26161	26141	.501	.738	1/2"	.015
26162	26142	.501	.738	1/2"	.032
26163	26143	.626	.870	5/8"	.005
26164	26144	.626	.870	5/8"	.015
26165	26145	.626	.870	5/8"	.032
26166	26146	.751	.995	3/4"	.005
26167	26147	.751	.995	3/4"	.015
26128	26148	.751	.995	3/4"	.032
26010*	Asst.	-	-	-	All

*Assortment contains 15 of each size listed above, 270 total pieces.

PRECISION BRAND PRODUCTS, INC.

Slotted Shim Assortment Kits 300 Series Stainless Steel

THE NEW SHAPE IN PRO- DUCTIVITY

- Precision Brand Slotted Shim is the best way to solve alignment and leveling problems on motors, pumps, generators and other plant machinery
- Full line kits and replacement sizes are available

ECONOMICAL

- Reduces labor costs by eliminating hand cutting
- Prevents material waste
- Reduces downtime by eliminating shim preparation

SAFETY

- Tabs make the shim placement easier and safer
- Tabs eliminate need to place hands under machinery during installation or removal of shims
- Hole in tab makes removal even easier

ENGINEERED FOR QUALITY

- Shim thickness tolerances meet industry standards
- Shims conform to standard bolt and stud sizes

Kit Contents:

1 Full Assortment – Each Full Assortment contains 20 pieces of the following sizes: .001", .002", .003", .004", .005", .010", .015", .020", .025", .050", .075", .100" & .125". A Full Assortment Kit contains 260 pieces and is packaged in a durable metal box.

2 Mini Assortment – Each Mini Assortment contains 10 pieces of the following sizes: .001", .002", .003", .004", .005", .010", .015", .020", .025", .050", .075", .100" & .125". A Mini Assortment Kit contains 130 pieces and is packaged in a durable metal box.

3 Shop Kit – Each Shop Kit contains 10 pieces of the following sizes: .001", .003", .005", .010", .015", .020", .025" & .075". A Shop Kit contains 80 pieces and is packaged in a sturdy chipboard box.

4 Regular Assortment – Each Regular Assortment contains 4 pieces of the following sizes: .001", .002", .003", .004", .005", .010", .015", .020", .025", .050", .075", .100" & .125". A Regular Assortment Kit contains 52 pieces and is packaged in a durable metal box.



Mfg Part#	Size	Slot Size	Wt (lbs)
42970	D 5" x 5"	1-5/8"	35.5

Shop Kit

42945	A 2" x 2"	5/8"	3.7
42955	B 3" x 3"	3/4"	4.4
42965	C 4" x 4"	1-1/4"	6.6
42975	D 5" x 5"	1-5/8"	9.9

Regular Assortment

42925	E 6" x 6"	2"	23.5
42935	H 8" x 8"	2-3/8"	40.0

Metal Box Only

42901	A 2" x 2"	-	2.3
42911	B 3" x 3"	-	4.2
42921	C 4" x 4"	-	6.3
42931	D 5" x 5"	-	7.8
42961	E 6" x 6"	-	4.9
42981	H 8" x 8"	-	8.1

PRECISION BRAND PRODUCTS, INC.

Slotted Shim Refill Packages 300 Series Stainless Steel



THE NEW SHAPE IN PRODUCTIVITY

- Precision Brand Slotted Shim is the best way to solve alignment and leveling problems on motors, pumps, generators and other plant machinery
- Full line kits and replacement sizes are available

ECONOMICAL

- Reduces labor costs by eliminating hand cutting
- Prevents material waste
- Reduces downtime by eliminating shim preparation

SAFETY

- Tabs make the shim placement easier and safer
- Tabs eliminate need to place hands under machinery during installation or removal of shims
- Hole in tab makes removal even easier

ENGINEERED FOR QUALITY

- Shim thickness tolerances meet industry standards
- Shims conform to standard bolt and stud sizes

Mfg Part#	Size	Thck. (Dec.)	Pkg. Qty.
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Size A 2" x 2" - 5/8" Slot Size

42205	2 x 2	.001	20
42210	2 x 2	.002	20
42215	2 x 2	.003	20
42220	2 x 2	.004	20
42225	2 x 2	.005	20

Mfg Part#	Size	Thck. (Dec.)	Pkg. Qty.
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42230	2 x 2	.010	20
42235	2 x 2	.015	10
42240	2 x 2	.020	10
42245	2 x 2	.025	10
42250	2 x 2	.050	5
42260	2 x 2	.100	5
42265	2 x 2	.125	5

Size B 3" x 3" - 3/4" Slot Size

42305	3 x 3	.001	20
42310	3 x 3	.002	20
42315	3 x 3	.003	20
42320	3 x 3	.004	20
42325	3 x 3	.005	20
42330	3 x 3	.010	20
42335	3 x 3	.015	10
42340	3 x 3	.020	10
42345	3 x 3	.025	10
42350	3 x 3	.050	5
42355	3 x 3	.075	5
42360	3 x 3	.100	5
42365	3 x 3	.125	5

Size C 4" x 4" - 1-1/4" Slot Size

42405	4 x 4	.001	20
42410	4 x 4	.002	20
42415	4 x 4	.003	20
42420	4 x 4	.004	20
42425	4 x 4	.005	20
42430	4 x 4	.010	20
42435	4 x 4	.015	10
42440	4 x 4	.020	10
42445	4 x 4	.025	10
42450	4 x 4	.050	5
42455	4 x 4	.075	5
42460	4 x 4	.100	5
42465	4 x 4	.125	5

Size D 5" x 5" - 1-5/8" Slot Size

42505	5 x 5	.001	20
42510	5 x 5	.002	20
42515	5 x 5	.003	20
42520	5 x 5	.004	20
42525	5 x 5	.005	20
42530	5 x 5	.010	20
42535	5 x 5	.015	10
42540	5 x 5	.020	10
42545	5 x 5	.025	10
42550	5 x 5	.050	5
42555	5 x 5	.075	5
42560	5 x 5	.100	5
42565	5 x 5	.125	5

Size E 6" x 6" - 2" Slot Size

42605	6 x 6	.001	5
42610	6 x 6	.002	5
42615	6 x 6	.003	5
42620	6 x 6	.004	5
42625	6 x 6	.005	5
42630	6 x 6	.010	5
42635	6 x 6	.015	5
42640	6 x 6	.020	5

Mfg Part#	Size	Thck. (Dec.)	Pkg. Qty.
42645	6 x 6	.025	5
42650	6 x 6	.050	5
42655	6 x 6	.075	5
42660	6 x 6	.100	5
42665	6 x 6	.125	5
42670	6 x 6	.250	1
42675	6 x 6	.500	1

Size H 8" x 8" - 2-3/8" Slot Size

42805	8 x 8	.001	5
42810	8 x 8	.002	5
42815	8 x 8	.003	5
42820	8 x 8	.004	5
42825	8 x 8	.005	5
42830	8 x 8	.010	5
42835	8 x 8	.015	5
42840	8 x 8	.020	5
42845	8 x 8	.025	5
42850	8 x 8	.050	5
42855	8 x 8	.075	5
42860	8 x 8	.100	5
42865	8 x 8	.125	5
42870	8 x 8	.250	1
42875	8 x 8	.500	1

PRECISION BRAND PRODUCTS, INC.

Slotted Shim Assortment Kit 300 Series Stainless Steel

All-In-One Kit

THE NEW
SHAPE IN
PRODUCTIV-
ITY

- Precision Brand Slotted Shim is the best way to solve alignment and leveling



problems on motors, pumps, generators and other plant machinery

- Full line kits and replacement sizes are available

ECONOMICAL

- Reduces labor costs by eliminating hand cutting
- Prevents material waste
- Reduces downtime by eliminating shim preparation

SAFETY

- Tabs make the shim placement easier and safer
- Tabs eliminate need to place hands under machinery during installation or removal of shims
- Hole in tab makes removal even easier

ENGINEERED FOR QUALITY

- Shim thickness tolerances meet industry standards
- Shims conform to standard bolt and stud sizes

Kit Contents:

Each Assortment contains 5 pcs. of each .001", .002", .003", .004", .005", .010", .015", .020", .025", .050", .075", .100" and .125" in all four shim sizes; A - 2" x 2", B - 3" x 3", C - 4" x 4", and D - 5" x 5". It also contains 5 pieces of each .020" and .045" thick Sof' Shoe® shims in all four sizes; A - 2" x 2", B - 3" x 3", C - 4" x 4" and D - 5" x 5". Assortment contains 300 pieces and is packaged in a durable metal box.

Mfg Part# Wt (lbs)

42996	45.00
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PRECISION BRAND PRODUCTS, INC.

Metric Slotted Shim Refill Packages

300 Series Stainless Steel

- 300 Series Stainless Steel
- Each shim marked with thickness in decimal and metric
- .025mm to .25mm sizes are permanently etched
- .040mm to 2mm sizes are permanently stamped

Metric Shim Slot Sizes

50mm x 50mm: 16mm

75mm x 75mm: 19mm

100mm x 100mm: 32mm

125mm x 125mm: 41mm



Thck. (mm)	Pkg Qty	50 x 50mm		75 x 75mm		100 x 100mm		125 x 125mm	
		Mfg Part#	Wt (lbs)	Mfg Part#	Wt (lbs)	Mfg Part#	Wt (lbs)	Mfg Part#	Wt (lbs)
.025	10	81205	.06	81305	.09	81405	.13	81505	.17
.050	10	81210	.07	81310	.12	81410	.17	81510	.24
.100	10	81215	.09	81315	.17	81415	.25	81515	.36
.200	10	81220	.13	81320	.26	81420	.41	81520	.61
.250	10	81225	.16	81325	.31	81425	.49	81525	.74
.400	10	81230	.21	81330	.43	81430	.69	81530	1.05
.500	10	81235	.26	81335	.55	81435	.89	81535	1.37
.700	10	81240	.34	81340	.74	81440	1.21	81540	1.87
1.000	10	81245	.47	81345	1.02	81445	1.69	81545	2.63
2.000	10	81250	.87	81350	1.93	81450	3.24	81550	5.06

PRECISION BRAND PRODUCTS, INC.

Metric Slotted Shim Assortment Kits 300 Series Stainless Steel

- Each shim marked with thickness in decimal and metric
- .025mm to .25mm sizes are permanently etched
- .040mm to 2mm sizes are permanently stamped

Each Shop Kit contains 10 pieces of the following sizes:
.025mm, .05mm, .1mm, .2mm, .25mm, .4mm, .5mm, .7mm, 1mm, 2mm.

A Shop Kit contains 100 pieces and is packaged in a sturdy chipboard box.



Mfg Part# Size (mm) Slot Size Wt (lbs)

Shop Kits

81945	50 x 50	16	2.66
81955	75 x 75	19	5.61
81965	100 x 100	32	9.17
81975	125 x 125	41	14.10

Metal Box Only

42901	50 x 50	-	2.30
42911	75 x 75	-	4.20
42921	100 x 100	-	6.30
42931	125 x 125	-	7.80

PRECISION BRAND PRODUCTS, INC.

Blue Tempered Shim Stock 50" Rolls

- Precision Brand Blue Tempered Shim Stock is a high carbon 1095 hardened and tempered spring steel
- Rockwell Hardness: C48 - 51
- Meets AMS 5122, SAE 1095, AISI 1095
- Approx. Tensile Strength: 230,000 p.s.i.
- Branded™ Shim

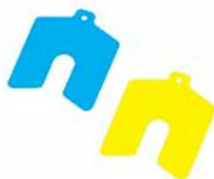


Mfg Part#	Width (in.)	Thck. (Dec.)	Thck. (mm)	PBP No.	Wt (lbs)
23110	3	.002	.051	23C2	.18
23120	3	.003	.076	23C3	.22
23130	5	.004	.102	23C4	.40
23145	6	.005	.127	23C5	.54
23155	6	.006	.152	23C6	.63
23165	6	.007	.178	23C7	.74

PRECISION BRAND PRODUCTS, INC.

Sof' Shoe® Shim

- Precision Brand Sof' Shoe shim solves angular soft foot alignment problems on motors, pumps, generators, turbines and other plant machinery in minutes
- Sof' Shoe shim cures angular soft foot and extends bearing and motor life
- Sof' Shoe shim is made of a proprietary elastomer which has unique flow and set characteristics to fill irregular gaps
- Sof' Shoe shim is an inexpensive alternative when compared to more time consuming and expensive options such as milling the base or foot, hand cutting graduated shims, replacing base or rebuilding base with poured epoxy
- Each Sof' Shoe shim thickness has a 12 percent flat compression under standard bolt torque, yet will absorb the angularity of nearly half its thickness
- Sof' Shoe shim is stable to 225°F
- Flat sheets are also available on special order
- For more technical information on Precision Brand Sof' Shoe shim and angular soft foot contact the factory



Mfg Part# Thck. (Dec.) Color Pkg. Qty.

Size A 2" x 2" - 5/8" Slot Size

49105	.020	Blue	10
49125	.045	Yellow	10

Size B 3" x 3" - 3/4" Slot Size

49110	.020	Blue	10
49130	.045	Yellow	10

Size C 4" x 4" - 1-1/4" Slot Size

49115	.020	Blue	10
49135	.045	Yellow	10

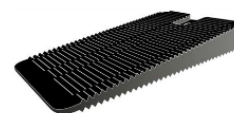
Size D 5" x 5" - 1-5/8" Slot Size

49120	.020	Blue	10
49140	.045	Yellow	10

PRECISION BRAND PRODUCTS, INC.

Wedge Shim™

- Wedge Shims™ are stackable, non-slip, plastic shims used for leveling and stabilizing
- Works on furniture, cabinets, counter tops, shelving, appliances, set-up jigs, commercial windows, glass doors, concrete blocks, HVAC equipment, toilets, sinks, tubs, tooling and many other similar items
- Each shim has 38 ridge teeth on each side of the shim to help hold and grip, non-slip interlocking ridges also allow Wedge Shims™ to be securely stacked together
- Plastic material means shims will not shrink, swell or rot
- Wedge Shims™ are available in hard and soft plastics



SOFT/FLEXIBLE WEDGE SHIMS™

- Made from Vinyl
- Super flexible, absorbs vibration, reduces noise, great stabilizing cushion
- Trims easily with one knife stroke

HARD/RIGID WEDGE SHIMS™

- Made from Polypropylene
- Tough and durable, can hold up to 5,000 pounds
- Glue resistant, useful as a clamping pad on angled surface

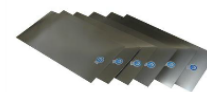
Mfg Part# Type Color Pkg Qty Wt (lbs)

48605	Rigid	Black	200	2.00
48620	Rigid	Black	30	0.40
48805	Flexible	White	200	2.63
48820	Flexible	White	30	0.48

PRECISION BRAND PRODUCTS, INC.

Blue Tempered Shim Stock Flat Sheets

- Precision Brand Blue Tempered Shim Stock is a high carbon 1095 hardened and tempered spring steel
- Rockwell Hardness: C48 - 51
- Meets AMS 5122, SAE 1095, AISI 1095
- Approx. Tensile Strength: 230,000 p.s.i.
- Branded™ Shim



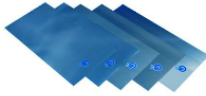
Mfg Part# Thck. (Dec.) Thck. (mm) PBP No. Wt (lbs)

6" x 25"				
23170	.008	.203	23CY8	1.10
23180	.010	.254	23CY10	1.30
23200	.012	.305	23CY12	1.50
23220	.015	.381	23CY15	1.70
23240	.020	.508	23CY20	2.10
23260	.025	.635	23CY25	2.60
23280	.032	.813	23CY32	3.20

PRECISION BRAND PRODUCTS, INC.

Blue Tempered Shim Stock Flat Sheet Assortment

- Precision Brand Blue Tempered Shim Stock is a high carbon 1095 hardened and tempered spring steel
 - Rockwell Hardness: C48 - 51
 - Meets AMS 5122, SAE 1095, AISI 1095
 - Approx. Tensile Strength: 230,000 p.s.i.
 - Branded™ Shim
- 6 Sheets Per Package (Includes one sheet each: .005, .010, .015, .020, .025, & .032)



Mfg Part#	PBP No.	Wt (lbs)
23290	23CRC	2.4

PRECISION BRAND PRODUCTS, INC.

Aluminum Shim Stock Rolls

- Precision Brand Aluminum Shim Stock is made from a 99% commercially pure, 1100 series, H-18 full hard, tempered aluminum.
- Brinell Hardness: 44
- Meets ASTM B209, FED QQA-250F & AISI 1100-H18
- Approx. Tensile Strength: 22,000 p.s.i. min.
- Elongation: 1% min. in 2"
- .001" - .009" has bright mill finish
- .010" has bright mill finish on one side, matte on other



Mfg Part#	Thck. (Dec.)	Thck. (mm)	Wt (lbs)
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6" x 100"

69130	.001	.025	.18
69195	.002	.051	.24
69245	.003	.076	.30
69280	.004	.102	.36
69320	.005	.127	.47
69345	.006	.152	.53
69395	.008	.203	.65
69450	.010	.254	.77

PRECISION BRAND PRODUCTS, INC.

Brass Shim Stock Rolls

- Precision Brand Brass Shim Stock is a half hard, cold rolled, CDA 260 alloy
- Rockwell Hardness: 30T 56 - 68
- Meets SAE-CA-260, CDA 260, ASTM B-19 & B-36
- Tensile Strength: 57 - 67,000 p.s.i.
- Elongation - 23% in 2 Inch
- Branded™ Shim



Mfg Part#	Size (in.)	Thck. (Dec.)	Thck. (mm)	PBP No.	Wt (lbs)
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6" x 100"

17135	6 x 100	.001	.025	17S1	.29
17160	6 x 100	.0015	.038	17S1X	.38
17195	6 x 100	.002	.051	17S2	.46
17240	6 x 100	.003	.076	17S3	.64
17265	6 x 100	.004	.102	17S4	.82
17305	6 x 100	.005	.127	17S5	1.03
17330	6 x 100	.006	.152	17S6	1.21
17355	6 x 100	.007	.178	17S7	1.45
17370	6 x 100	.008	.203	17S8	1.57
17390	6 x 100	.009	.229	17S9	1.78
17415	6 x 100	.010	.254	17S10	1.96
17445	6 x 100	.012	.305	17S12	2.44
17475	6 x 100	.015	.305	17S15	3.08
17477	6 x 100	.018	.457	17S18	3.60
17495	6 x 100	.020	.508	17S20	3.67
17515	6 x 100	.025	.635	17S25	5.08
17535	6 x 100	.031	.787	17S31	6.13

12" x 120"

17145	12 x 120	.001	.025	17SS1	.90
17205	12 x 120	.002	.051	17SS2	1.18
17250	12 x 120	.003	.076	17SS3	1.56
17275	12 x 120	.004	.102	17SS4	2.05
17315	12 x 120	.005	.127	17SS5	2.46
17340	12 x 120	.006	.152	17SS6	2.90
17380	12 x 120	.008	.203	17SS8	3.93
17425	12 x 120	.010	.254	17SS10	4.85
17426	12 x 120	.012	.305	17SS12	5.80
17427	12 x 120	.015	.381	17SS15	7.08
17428	12 x 120	.020	.508	17SS20	9.83
17700	6 x 180	.001	.025	17SJ1	.45

6" x 180"

17700	6 x 180	.001	.025	17SJ1	.45
17705	6 x 180	.0015	.038	17SJ1X	.58
17725	6 x 180	.002	.051	17SJ2	.75
17740	6 x 180	.003	.076	17SJ3	1.13
17750	6 x 180	.004	.102	17SJ4	1.42
17755	6 x 180	.005	.127	17SJ5	1.77
17760	6 x 180	.006	.152	17SJ6	2.09
17765	6 x 180	.007	.178	17SJ7	2.52

Mfg Part#	Size (in.)	Thck. (Dec.)	Thck. (mm)	PBP No.	Wt (lbs)
17770	6 x 180	.008	.203	17SJ8	2.89
17775	6 x 180	.009	.229	17SJ9	3.25
17710	6 x 180	.010	.254	17SJ10	3.31
17715	6 x 180	.012	.305	17SJ12	3.97
17720	6 x 180	.015	.381	17SJ15	5.50
17730	6 x 180	.020	.508	17SJ20	7.14
17735	6 x 180	.025	.635	17SJ25	8.81
17745	6 x 180	.031	.787	17SJ31	10.74

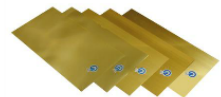
6" x 60"

17605	6 x 60	.001	.025	17SX1	.11
17610	6 x 60	.0015	.038	17SX1X	.14
17615	6 x 60	.002	.051	17SX2	.22
17620	6 x 60	.003	.076	17SX3	.33
17625	6 x 60	.004	.102	17SX4	.44
17630	6 x 60	.005	.127	17SX5	.55
17635	6 x 60	.006	.152	17SX6	.66
17640	6 x 60	.007	.178	17SX7	.77
17645	6 x 60	.008	.203	17SX8	.88
17650	6 x 60	.009	.229	17SX9	.99
17655	6 x 60	.010	.254	17SX10	1.10
17660	6 x 60	.012	.305	17SX12	1.32
17665	6 x 60	.015	.381	17SX15	1.65
17670	6 x 60	.020	.508	17SX20	2.20
17675	6 x 60	.025	.635	17SX25	2.75
17680	6 x 60	.031	.787	17SX31	3.42

PRECISION BRAND PRODUCTS, INC.

Brass Shim Stock 12 Sheet Assortments

- Precision Brand brass shim stock is a half hard, cold rolled, CDA 260 alloy
 - Rockwell hardness 30T 56-68
 - Meets SAE-CA-260, ASTM B-19, B-36; CDA 260
 - Tensile Strength: 57-67,000 p.s.i.
 - Elongation: 23% in 2"
- Typical Analysis: Cu 70% - Zinc 30%
Contents: 12 sheets per package (includes one sheet of each: .001, .0015, .002, .003, .004, .005, .006, .007, .008, .010, .012, .015)

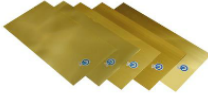


Mfg Part#	Size (in.)	Wt (lbs)	PBP No.	Wt
17545	6" x 12"	1.86	17SF12	1.86
17550	6" x 18"	2.76	17SZ12	

PRECISION BRAND PRODUCTS, INC.

Brass Shim Stock
Sheets

- Precision Brand Brass Shim Stock is a half hard, cold rolled, CDA 260 alloy
- Rockwell Hardness: 30T 56-68
- Meets SAE-CA-260, CDA 260, ASTM B-19 & B-36
- Tensile Strength: 57 - 67,000 p.s.i.
- Elongation - 23% in 2 Inch
- Branded™ Shim



Mfg Part#	Size (in.)	Thck. (Dec.)	Thck. (mm)	PBP No.	Wt (lbs)
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6" x 18"

17810	6" x 18"	.001	.025	17SN1	.63
17815	6" x 18"	.0015	.038	17SN1X	.78
17820	6" x 18"	.002	.051	17SN2	1.13
17830	6" x 18"	.003	.076	17SN3	1.23
17840	6" x 18"	.004	.102	17SN4	1.94
17845	6" x 18"	.005	.127	17SN4	2
17850	6" x 18"	.006	.152	17SN6	2.25
17855	6" x 18"	.007	.178	17SN7	2.63
17860	6" x 18"	.008	.203	17SN8	2.91
17865	6" x 18"	.009	.229	17SN9	2.98
17870	6" x 18"	.010	.254	17SN10	3.63
17875	6" x 18"	.012	.305	17SN12	4.25
17885	6" x 18"	.015	.381	17SN15	5.44
17900	6" x 18"	.020	.508	17SJ20	7.00
17910	6" x 18"	.025	.635	17SJ25	8.69
17915	6" x 18"	.031	.787	17SJ31	10.63

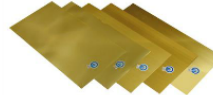
6" x 25"

17440	6" x 25"	.012	.305	17SY12	1.54
17470	6" x 25"	.015	.381	17SY15	1.84
17490	6" x 25"	.020	.508	17SY20	2.26
17510	6" x 25"	.025	.635	17SY25	2.75
17530	6" x 25"	.031	.787	17SY31	3.26

PRECISION BRAND PRODUCTS, INC.

Brass Shim Stock
15 Sheet Assortments

- Precision Brand brass shim stock is a half hard, cold rolled, CDA 260 alloy
- Rockwell hardness 30T 56-68
- Meets SAE-CA-260, ASTM B-19, B-36; CDA 260
- Tensile Strength: 57-67,000 p.s.i.
- Elongation: 23% in 2"
- Typical Analysis: Cu 70% - Zinc 30%
- Contents: 15 sheets per package (includes one sheet of each: .001, .0015, .002, .003, .004, .005, .006, .007, .008, .010, .012, .015, .020, .025, & .031)



Mfg Part#	Size (in.)	Wt (lbs)	PBP No.
17550	6" x 12"	3.32	17SF15
17955	6" x 18"	5.31	17SZ15

PRECISION BRAND PRODUCTS, INC.

Brass Shim Stock
Metric Rolls

- Precision Brand Brass Shim Stock is a half hard, cold rolled, CDA 260 alloy
- Rockwell Hardness: 30T 56 - 68
- Meets SAE-CA-260, CDA 260, ASTM B-19 & B-36
- Tensile Strength: 57 - 67,000 p.s.i.
- Elongation - 23% in 2 Inch
- Branded™ Shim



Mfg Part#	Thck. (mm)	Wt (lbs)
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150 mm x 2.5 m

17971	.05	.46
17972	.10	.82
17973	.15	1.21
17974	.20	1.57
17975	.25	1.96
17976	.30	2.44
17977	.40	3.08
17978	.50	3.67
17979	.65	5.08
17980	.80	6.13

PRECISION BRAND PRODUCTS, INC.

Brass Shim Stock
4 Roll Assortment

- Precision Brand brass shim stock is a half hard, cold rolled, CDA 260 alloy
- Rockwell hardness 30T 56-68
- Meets SAE-CA-260, ASTM B-19, B-36; CDA 260
- Tensile Strength: 57-67,000 p.s.i.
- Elongation: 23% in 2"



Contents: 4 rolls per package (includes one roll of each: .001, .002, .003, & .005)

Mfg Part#	Size (in.)	Wt (lbs)	PBP No.
17560	6" x 50"	1.36	17T4

PRECISION BRAND PRODUCTS, INC.

Copper Shim Stock
Rolls

- Precision Brand Copper Shim Stock is made from 110 annealed copper
- Meets ASTM B-152, ASTM B-451
- Approx. Tensile Strength:
 - .001" - .003" is 20,000 p.s.i. min.
 - .004" - .010" is 25,000 p.s.i. min.
- Elongation:
 - .001" - .003" is 10% in 2"
 - .004" - .010" is 20% in 2"



Mfg Part#	Thck. (Dec.)	Thck. (mm)	Wt (lbs)
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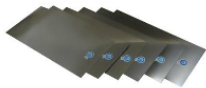
6" x 100"

68130	.001	.025	.31
68195	.002	.051	.50
68245	.003	.076	.68
68280	.004	.102	.86
68320	.005	.127	1.05
68345	.006	.152	1.23
68370	.007	.178	1.42
68395	.008	.203	1.60
68450	.010	.254	1.97

PRECISION BRAND PRODUCTS, INC.

Stainless Steel Shim Stock Sheet Assortments

- Precision Brand Stainless Steel Shim Stock is a full hard, cold rolled, Type 302
 - Rockwell hardness C40-45
 - Meets SAE 30302, AISI-T302, ASTM A-666
 - Ultimate tensile strength - 185,000 psi min.
 - Branded™ Shim
- 8 sheets per package (includes one sheet of each)
- 22445 Contents: .001, .002, .003, .005, .008, .010, .015, .020)
- 22999 Contents: .05mm, .10mm, .15mm, .20mm, .30mm, .40mm, & .50mm)



Mfg Part#	Size	PBP No.	Wt (lbs)
22445	6" x 12"	22LF8	1.54
22999	150mm x 300mm	-	1.70

PRECISION BRAND PRODUCTS, INC.

Stainless Steel Shim Stock Metric Rolls

- Precision Brand Stainless Steel Shim Stock is a full hard, cold rolled, Type 302
- Rockwell hardness C40-45
- Meets SAE 30302, AISI-T302, ASTM A-666
- Ultimate tensile strength - 185,000 psi min.
- Branded™ Shim



Mfg Part#	Thck. (mm)	Wt (lbs)
150 mm x 1.25 m		
22971	.05	.25
22972	.10	.43
22973	.15	.63
22974	.20	.80
22975	.25	.98
22976	.30	1.24
22977	.40	1.53
22978	.50	2.20
22979	.65	2.74
22980	.80	3.18

PRECISION BRAND PRODUCTS, INC.

Stainless Steel Shim Stock Rolls

- Precision Brand Stainless Steel Shim Stock is a full hard, cold rolled, Type 302
- Rockwell hardness C40-45
- Meets SAE 30302, AISI-T302, ASTM A-666
- Ultimate tensile strength - 185,000 psi min.
- Branded™ Shim



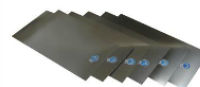
Mfg Part#	Size (In.)	Thck. (Dec.)	Thck. (mm)	PBP No.	Wt (lbs)
6" x 50"					
22110	6 x 50	.0005	.013	22LX	.17
22125	6 x 50	.001	.025	22L1	.21
22126	6 x 50	.0015	.038	22LIX	.23
22150	6 x 50	.002	.051	22L2	.25
22175	6 x 50	.003	.076	22L3	.34
22195	6 x 50	.004	.102	22L4	.43
22220	6 x 50	.005	.127	22L5	.56
22240	6 x 50	.006	.152	22L6	.63
22260	6 x 50	.007	.178	22L7	.73
22285	6 x 50	.008	.203	22L8	.80
22305	6 x 50	.009	.229	22L9	.90
22320	6 x 50	.010	.254	22L10	.98
22340	6 x 50	.012	.305	22L12	1.24
22365	6 x 50	.015	.381	22L15	1.53
22390	6 x 50	.020	.508	22L20	2.20
22410	6 x 50	.025	.635	22L25	2.74
22430	6 x 50	.031	.787	22L31	3.18
12" x 50"					
22135	12 x 50	.001	.025	22LL1	.60
22160	12 x 50	.002	.051	22LL2	.62
22185	12 x 50	.003	.076	22LL3	.78
22205	12 x 50	.004	.102	22LL4	.95
22230	12 x 50	.005	.127	22LL5	1.11
22250	12 x 50	.006	.152	22LL6	1.26
22270	12 x 50	.007	.178	22LL7	1.46
22295	12 x 50	.008	.203	22LL8	1.78
22330	12 x 50	.010	.254	22LL10	2.14
22350	12 x 50	.012	.305	22LL12	2.46
22375	12 x 50	.015	.381	22LL15	3.01
22400	12 x 50	.020	.508	22LL20	4.45
6" x 60"					
22138	6 x 60	.0005	.013	22LXX	.21
22139	6 x 60	.001	.025	22LX1	.23
22141	6 x 60	.0015	.038	22LX1X	.26
22146	6 x 60	.002	.051	22LX2	.30
22149	6 x 60	.003	.076	22LX3	.41
22152	6 x 60	.004	.102	22LX4	.55
22153	6 x 60	.005	.127	22LX5	.66
22154	6 x 60	.006	.152	22LX6	.74
22156	6 x 60	.007	.178	22LX7	.85

Mfg Part#	Size (In.)	Thck. (Dec.)	Thck. (mm)	PBP No.	Wt (lbs)
22157	6 x 60	.008	.203	22LX8	.95
22158	6 x 60	.009	.229	22LX9	1.07
22142	6 x 60	.010	.254	22LX10	1.15
22143	6 x 60	.012	.305	22LX12	1.44
22144	6 x 60	.015	.381	22LX15	1.71
22147	6 x 60	.020	.508	22LX20	2.16
22148	6 x 60	.025	.635	SSLX25	3.03
22151	6 x 60	.031	.787	22LX31	3.59

PRECISION BRAND PRODUCTS, INC.

Stainless Steel Shim Stock Sheets

- Precision Brand Stainless Steel Shim Stock is a full hard, cold rolled, Type 302
- Rockwell hardness C40-45
- Meets SAE 30302, AISI-T302, ASTM A-666
- Ultimate tensile strength - 185,000 psi min.
- Branded™ Shim



Mfg Part#	Size (In.)	Thck. (Dec.)	Thck. (mm)	PBP No.	Wt (lbs)
6" x 25"					
22520	6 x 25	.008	.203	22LY8	1.11
22550	6 x 25	.010	.253	22LY10	1.31
22560	6 x 25	.012	.305	22LY12	1.58
22570	6 x 25	.015	.381	22LY15	1.68
22580	6 x 25	.020	.508	22LY20	2.20
22590	6 x 25	.025	.635	22LY25	2.68
22600	6 x 25	.031	.787	22LY31	3.18
12" x 24"					
22992	12 x 24	.025	.635	-	4.93
22993	12 x 24	.031	.787	-	5.92

PRECISION BRAND PRODUCTS, INC.

Steel Shim Stock Roll Assortment

- Precision Brand Steel Shim Stock is a full hard, cold rolled, low carbon 1008-1010
 - Rockwell hardness: <.069" thick RB90 Min., >.070" thick RB84 Min.
 - Meets AISI-1008/AISI-1010
 - Branded™ Shim
- Contents: 4 rolls per package (includes one roll each: .001, .002, .003, .005)



Mfg Part#	Size (in.)	PBP No.	Wt (lbs)
16690	6" x 50"	16B4	.94

PRECISION BRAND PRODUCTS, INC.

Steel Shim Stock Rolls

- Precision Brand Steel Shim Stock is a full hard, cold rolled, low carbon 1008-1010
- Rockwell hardness: <.069" thick RB90 Min., >.070" thick RB84 Min.
- Meets AISI-1008/AISI-1010
- Branded™ Shim



Mfg Part#	Size (in.)	Thck. (Dec.)	Thck. (mm)	PBP No.	Wt (lbs)
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6" x 100"

16130	6 x 100	.001	.025	16A1	.25
16155	6 x 100	.0015	.038	16A1X	.26
16195	6 x 100	.002	.051	16A2	.42
16215	6 x 100	.0025	.064	16A2X	.43
16245	6 x 100	.003	.076	16A3	.58
16265	6 x 100	.0035	.089	16A3X	.60
16280	6 x 100	.004	.102	16A4	.72
16320	6 x 100	.005	.127	16A5	.96
16345	6 x 100	.006	.152	16A6	1.14
16370	6 x 100	.007	.178	16A7	1.31
16395	6 x 100	.008	.203	16A8	1.52
16415	6 x 100	.009	.229	16A9	1.66
16450	6 x 100	.010	.254	16A10	1.83
16480	6 x 100	.012	.305	16A12	2.24
16500	6 x 100	.0135	.343	16A13X	2.30
16530	6 x 100	.015	.381	16A15	2.76
16550	6 x 100	.0165	.419	16A16X	3.19
16560	6 x 100	.018	.457	16A18	3.63
16590	6 x 100	.020	.508	16A20	3.85
16610	6 x 100	.022	.559	16A22	3.94
16630	6 x 100	.025	.635	16A25	5.04
16660	6 x 100	.031	.787	16A31	6.58

12" x 120"

16140	12 x 120	.001	.025	16AA1	.87
16165	12 x 120	.0015	.038	16AA1X	.94
16205	12 x 120	.002	.051	16AA2	1.09
16255	12 x 120	.003	.076	16AA3	1.48
16290	12 x 120	.004	.102	16AA4	1.90
16330	12 x 120	.005	.127	16AA5	2.28
16355	12 x 120	.006	.152	16AA6	2.72
16380	12 x 120	.007	.178	16AA7	3.05
16405	12 x 120	.008	.203	16AA8	3.63
16425	12 x 120	.009	.229	16AA9	4.15
16460	12 x 120	.010	.254	16AA10	4.64
16490	12 x 120	.012	.305	16AA12	5.35
16540	12 x 120	.015	.381	16AA15	6.69
16570	12 x 120	.018	.457	16AA18	8.58
16600	12 x 120	.020	.508	16AA20	9.28
16640	12 x 120	.025	.635	16AA25	11.25
16670	12 x 120	.031	.787	16AA31	13.58

Mfg Part#	Size (in.)	Thck. (Dec.)	Thck. (mm)	PBP No.	Wt (lbs)
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6" x 180"

16700	6 x 180	.001	.025	16AJ1	.40
16705	6 x 180	.0015	.038	16AJ1X	.54
16740	6 x 180	.002	.051	16AJ2	.68
16745	6 x 180	.0025	.064	16AJ2X	.77
16765	6 x 180	.003	.076	16AJ3	1.03
16770	6 x 180	.0035	.089	16AJ3X	1.07
16780	6 x 180	.004	.102	16AJ4	1.31
16785	6 x 180	.005	.127	16AJ5	1.66
16790	6 x 180	.006	.152	16AJ6	1.96
16795	6 x 180	.007	.178	16AJ7	2.03
16800	6 x 180	.008	.203	16AJ8	2.73
16805	6 x 180	.009	.229	16AJ9	3.02
16710	6 x 180	.010	.254	16AJ10	3.31
16715	6 x 180	.012	.305	16AJ12	4.07
16720	6 x 180	.0135	.343	16AJ13X	4.13
16725	6 x 180	.015	.381	16AJ15	5.03
16730	6 x 180	.0165	.419	16AJ16X	5.05
16735	6 x 180	.018	.457	16AJ18	5.51
16750	6 x 180	.020	.508	16AJ20	6.54
16755	6 x 180	.022	.559	16AJ22	7.17
16760	6 x 180	.025	.635	16AJ25	8.41
16775	6 x 180	.031	.787	16AJ31	10.33

PRECISION BRAND PRODUCTS, INC.

Steel Shim Stock Metric Rolls

- Precision Brand Steel Shim Stock is a full hard, cold rolled, low carbon 1008-1010
- Rockwell hardness: <.069" thick RB90 Min., >.070" thick RB84 Min.
- Meets AISI-1008/AISI-1010
- Branded™ Shim



Mfg Part#	Thck. (mm)	Wt (lbs)
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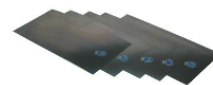
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16971	.05	.42
16972	.10	.72
16973	.15	1.14
16974	.20	1.52
16975	.25	1.83
16976	.30	2.24
16977	.40	2.76
16978	.50	3.85
16979	.65	5.04
16980	.80	6.58

PRECISION BRAND PRODUCTS, INC.

Steel Shim Stock Sheets

- Precision Brand Steel Shim Stock is a full hard, cold rolled, low carbon 1008-1010
- Rockwell hardness: <.069" thick RB90 Min., >.070" thick RB84 Min.
- Meets AISI-1008/AISI-1010
- Branded™ Shim



Mfg Part#	Size (in.)	Thck. (Dec.)	Thck. (mm)	PBP No.	Wt (lbs)
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6" x 18"

16810	6" x 18"	.001	.025	16AN1	.63
16815	6" x 18"	.0015	.038	16AN1X	.75
16820	6" x 18"	.002	.051	16AN2	.99
16825	6" x 18"	.0025	.064	16AN2X	1.18
16830	6" x 18"	.003	.076	16AN3	1.25
16835	6" x 18"	.0035	.089	16AN3X	1.37
16840	6" x 18"	.004	.102	16AN4	1.50
16845	6" x 18"	.005	.127	16AN5	1.63
16850	6" x 18"	.006	.152	16AN6	2.13
16855	6" x 18"	.007	.178	16AN7	2.45
16860	6" x 18"	.008	.203	16AN8	2.75
16865	6" x 18"	.009	.229	16AN9	2.99
16870	6" x 18"	.010	.254	16AN10	3.38
16875	6" x 18"	.012	.305	16AN12	3.93
16880	6" x 18"	.0135	.343	16AN13X	4.13
16885	6" x 18"	.015	.381	16AN15	4.93
16890	6" x 18"	.0165	.419	16AN16X	5.05
16895	6" x 18"	.018	.457	16AN18	5.93
16900	6" x 18"	.020	.508	16AN20	6.50
16905	6" x 18"	.022	.559	16AN22	6.73
16910	6" x 18"	.025	.635	16AN25	8.00
16915	6" x 18"	.031	.787	16AN31	9.93

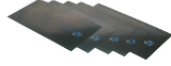
6" x 25"

16475	6" x 25"	.012	.305	16AY12	1.45
16525	6" x 25"	.015	.381	16AY15	1.73
16585	6" x 25"	.020	.508	16AY20	2.16
16625	6" x 25"	.025	.635	16AY25	2.58
16655	6" x 25"	.031	.787	16AY31	3.09

PRECISION BRAND PRODUCTS, INC.

Steel Shim Stock 12 Sheet Assortments

- Precision Brand Steel Shim Stock is a full hard, cold rolled, low carbon 1008-1010
- Rockwell hardness: <.069" thick RB90 Min., >.070" thick RB84 Min.
- Meets AISI-1008/AISI-1010
- Branded™ Shim



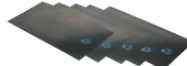
Contents: 12 Sheets Per Package (Includes one sheet of each: .001", .0015", .002", .003", .004", .005", .006", .007", .008", .010", .012" & .015")

Mfg Part#	Size (in.)	PBP No.	Wt (lbs)
16680	6 x 12	16AF12	1.74
16950	6 x 18	16AZ12	2.28

PRECISION BRAND PRODUCTS, INC.

Steel Shim Stock 15 Sheet Assortments

- Precision Brand Steel Shim Stock is a full hard, cold rolled, low carbon 1008-1010
- Rockwell hardness: <.069" thick RB90 Min., >.070" thick RB84 Min.
- Meets AISI-1008/AISI-1010
- Branded™ Shim



Contents: 15 Sheets Per Package (Includes one sheet of each: .001", .0015", .002", .003", .004", .005", .006", .007", .008", .010", .012", .015", .020", .025" & .031")

Mfg Part#	Size (in.)	PBP No.	Wt (lbs)
16685	6 x 12	16AF15	3.29
166955	6 x 18	16AZ15	4.61
16960	12 x 24	16AAZ15	12.28

PRECISION BRAND PRODUCTS, INC.

Arbor Shims

Without Keyway - Sizes 1/4" thru 1"

- Made of high quality Steel Shim
 - Finish can be #2 bright or matte
 - Packaged in air tight poly bags
 - 10 pieces per bag (except assortments)
 - Special sizes, materials and bulk quantities available on request
 - Used for fast accurate spacing of milling cutters, gang cutters, saws, slitting blades and grinding tools
- NOTE: SHIMS do not have a keyway. SPACERS do have a keyway.



Thck. (Dec.)	Thck. (mm)	1/4" I.D. x 3/8" O.D.	11/32" I.D. x 13/16" O.D.	3/8" I.D. x 5/8" O.D.	1/2" I.D. x 3/4" O.D.	5/8" I.D. x 1" O.D.	3/4" I.D. x 1-1/8" O.D.	7/8" I.D. x 1-3/8" O.D.	1" I.D. x 1-1/2" O.D.
		Mfg Part#	Mfg Part#	Mfg Part#	Mfg Part#	Mfg Part#	Mfg Part#	Mfg Part#	Mfg Part#
.001	.025	25081	25481	25101	25121	25141	25161	25181	25201
.0015	.038	25082	25482	25102	25122	25142	25162	25182	25202
.002	.051	25083	25483	25103	25123	25143	25163	25183	25203
.003	.076	25084	25484	25104	25124	25144	25164	25184	25204
.004	.102	25085	25485	25105	25125	25145	25165	25185	25205
.005	.127	25086	25486	25106	25126	25146	25166	25186	25206
.006	.152	25087	25487	25107	25127	25147	25167	25187	25207
.007	.178	25088	25488	25108	25128	25148	25168	25188	25208
.008	.203	25089	25489	25109	25129	25149	25169	25189	25209
.010	.254	25090	25490	25110	25130	25150	25170	25190	25210
.012	.305	25091	25491	25111	25131	25151	25171	25191	25211
.015	.381	25092	25492	25112	25132	25152	25172	25192	25212
.020	.508	25093	25493	25113	25133	25153	25173	25193	25213
.025	.635	25094	25494	25114	25134	25154	25174	25194	25214
.031	.787	25095	25495	25115	25135	25155	25175	25195	25215
.047	1.194	25096	25496	25116	25136	25156	25176	25196	25216
.062	1.575	25097	25497	25117	25137	25157	25177	25197	25217
.093	2.362	25098	25498	25118	25138	25158	25178	25198	25218
.125	3.175	25099	25499	25119	25139	25159	25179	25199	25219
Asst.*	-	25100	25500	25120	25140	25160	25180	25200	25220

*Assortments contain 1 each of the 19 thicknesses.

PRECISION BRAND PRODUCTS, INC.

Arbor Shims

Without Keyway - Sizes 1-1/8" thru 2"

- Made of high quality Steel Shim
 - Finish can be #2 bright or matte
 - Packaged in air tight poly bags
 - 10 pieces per bag (except assortments)
 - Special sizes, materials and bulk quantities available on request
 - Used for fast accurate spacing of milling cutters, gang cutters, saws, slitting blades and grinding tools
- NOTE: SHIMS do not have a keyway. SPACERS do have a keyway.



Thck. (Dec.)	Thck. (mm)	1-1/8" I.D. x 1-5/8" O.D. Mfg Part#	1-1/4" I.D. x 1-3/4" O.D. Mfg Part#	1-3/8" I.D. x 1-7/8" O.D. Mfg Part#	1-1/2" I.D. x 2-1/8" O.D. Mfg Part#	1-3/4" I.D. x 2-3/4" O.D. Mfg Part#	2" I.D. x 2-3/ 4" O.D. Mfg Part#
.001	.025	25221	25241	25261	25441	25301	25461
.0015	.038	25222	25242	25262	25442	25302	25462
.002	.051	25223	25243	25263	25443	25303	25463
.003	.076	25224	25244	25264	25444	25304	25464
.004	.102	25225	25245	25265	25445	25305	25465
.005	.127	25226	25246	25266	25446	25306	25466
.006	.152	25227	25247	25267	25447	25307	25467
.007	.178	25228	25248	25268	25448	25308	25468
.008	.203	25229	25249	25269	25449	25309	25469
.010	.254	25230	25250	25270	25450	25310	25470
.012	.305	25231	25251	25271	25451	25311	25471
.015	.381	25232	25252	25272	25452	25312	25472
.020	.508	25233	25253	25273	25453	25313	25473
.025	.635	25234	25254	25274	25454	25314	25474
.031	.787	25235	25255	25275	25455	25315	25475
.047	1.194	25236	25256	25276	25456	25316	25476
.062	1.575	25237	25257	25277	25457	25317	25477
.093	2.362	25238	25258	25278	25458	25318	25478
.125	3.175	25239	25259	25279	25459	25319	25479
Asst.*	-	25240	25260	25280	25460	25320	25480

*Assortments contain 1 each of the 19 thicknesses.

PRECISION BRAND PRODUCTS, INC.

Arbor Spacers

With Keyway - Sizes 3/8" thru 1"

- Made of high quality Steel Shim
- Finish can be #2 bright or matte
- Keyways conform to American standards
- Packaged in air tight poly bags
- 10 pieces per bag (except assortments)
- Special sizes, materials and bulk quantities available on request
- Used for fast accurate spacing of milling cutters, gang cutters, saws, slitting blades and grinding tools

NOTE: SHIMS do not have a keyway. SPACERS do have a keyway.



Thck. (Dec.)	Thck. (mm)	3/8" I.D. x 5/8" O.D. Mfg Part#	1/2" I.D. x 3/4" O.D. Mfg Part#	5/8" I.D. x 1" O.D. Mfg Part#	3/4" I.D. x 1-1/8" O.D. Mfg Part#	7/8" I.D. x 1-3/8" O.D. Mfg Part#	1" I.D. x 1-1/2" O.D. Mfg Part#
.001	.025	24101	24121	25141	25161	25181	25201
.0015	.038	24102	24122	25142	25162	25182	25202
.002	.051	24103	24123	25143	25163	25183	25203
.003	.076	24104	24124	25144	25164	25184	25204
.004	.102	24105	24125	25145	25165	25185	25205
.005	.127	24106	24126	25146	25166	25186	25206
.006	.152	24107	24127	24147	24167	24187	24207
.007	.178	24108	24128	24148	24168	24188	24208
.008	.203	24109	24129	24149	24169	24189	24209
.010	.254	24110	24130	24150	24170	24190	24210
.012	.305	24111	24131	24151	24171	24191	24211
.015	.381	24112	24132	24152	24172	24192	24212
.020	.508	24113	24133	24153	24173	24193	24213
.025	.635	24114	24134	24154	24174	24194	24214
.031	.787	24115	24135	24155	24175	24195	24215
.047	1.194	24116	24136	24156	24176	24196	24216
.062	1.575	24117	24137	24157	24177	24197	24217
.093	2.362	24118	24138	24158	24178	24198	24218
.125	3.175	24119	24139	24159	24179	24199	24219
Asst.*	-	24120	24140	24160	24180	24200	24220

*Assortments contain 1 each of the 19 thicknesses.

PRECISION BRAND PRODUCTS, INC.

Arbor Spacers

With Keyway - Sizes 1-1/8" thru 2"

- Made of high quality Steel Shim
- Finish can be #2 bright or matte
- Keyways conform to American standards
- Packaged in air tight poly bags
- 10 pieces per bag (except assortments)
- Special sizes, materials and bulk quantities available on request
- Used for fast accurate spacing of milling cutters, gang cutters, saws, slitting blades and grinding tools

NOTE: SHIMS do not have a keyway. SPACERS do have a keyway.



Thck. (Dec.)	Thck. (mm)	1-1/8" I.D. x 1-5/8" O.D. Mfg Part#	1-1/4" I.D. x 1-3/4" O.D. Mfg Part#	1-3/8" I.D. x 1-7/8" O.D. Mfg Part#	1-1/2" I.D. x 2-1/8" O.D. Mfg Part#	1-3/4" I.D. x 2-3/4" O.D. Mfg Part#	2" I.D. x 2-3/ 4" O.D. Mfg Part#
.001	.025	25221	25241	25261	25441	25301	25461
.0015	.038	25222	25242	25262	25442	25302	25462
.002	.051	25223	25243	25263	25443	25303	25463
.003	.076	25224	25244	25264	25444	25304	25464
.004	.102	25225	25245	25265	25445	25305	25465
.005	.127	25226	25246	25266	25446	25306	25466
.006	.152	25227	25247	25267	25447	25307	25467
.007	.178	25228	25248	25268	25448	25308	25468
.008	.203	25229	25249	25269	25449	25309	25469
.010	.254	25230	25250	25270	25450	25310	25470
.012	.305	25231	25251	25271	25451	25311	25471
.015	.381	25232	25252	25272	25452	25312	25472
.020	.508	25233	25253	25273	25453	25313	25473
.025	.635	25234	25254	25274	25454	25314	25474
.031	.787	25235	25255	25275	25455	25315	25475
.047	1.194	25236	25256	25276	25456	25316	25476
.062	1.575	25237	25257	25277	25457	25317	25477
.093	2.362	25238	25258	25278	25458	25318	25478
.125	3.175	25239	25259	25279	25459	25319	25479
Asst.*	-	25240	25260	25280	25460	25320	25480

*Assortments contain 1 each of the 19 thicknesses.

PRECISION BRAND PRODUCTS, INC.

Arbor Shims

Assortment Kits

- Precision Brand Arbor Shim Assortment Kits contain the most commonly used Arbor Shims
- Made of high quality Steel Shim; low carbon cold rolled steel
- Plastic compartment boxes are easy to store
- Refill packages available,
- Each assortment contains 10 pieces of each thickness in each size, for a total of 150 pieces.

NOTE: SHIMS do not have a keyway.



Mfg Part#	Asst. Thck.	Asst. Sizes
25998	.005	3/8" x 5/8"
	.010	1/2" x 3/4"
	.015	5/8" x 1"
		3/4" x 1-1/8"
		7/8" x 1-3/8"
25999	.020	3/8" x 5/8"
	.031	1/2" x 3/4"
	.125	5/8" x 1"
		3/4" x 1-1/8"
		1" x 1-1/2"

PRECISION BRAND PRODUCTS, INC.

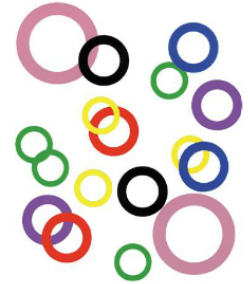
Plastic Arbor Shims

Color Coded - Sizes 3/8" thru 1"

- Precision Brand Plastic Arbor Shims are used for light duty spacing
- Used for fast, accurate spacing of milling cutters, gang cutters, saws and grinding tools
- Easy identification because the color tells the thickness
- Corrosion resistant
- Non-magnetic
- 10 pieces per package
- Larger and thicker shims are available on special order
- NOTE: SHIMS do not have a keyway.

Thck. (Dec.)	Thck. (mm)	Color	3/8" I.D. x 5/8" O.D. Mfg Part#	1/2" I.D. x 3/4" O.D. Mfg Part#	5/8" I.D. x 1" O.D. Mfg Part#	3/4" I.D. x 1-1/8" O.D. Mfg Part#	7/8" I.D. x 1-3/8" O.D. Mfg Part#	1" I.D. x 1-1/2" O.D. Mfg Part#
.001	.025	Amber	44701	44715	44729	44743	44757	44771
.0015	.038	Purple	44702	44716	44730	44744	44758	44772
.002	.051	Red	44703	44717	44731	44745	44759	44773
.003	.076	Green	44704	44718	44732	44746	44760	44774
.004	.102	Tan	44705	44719	44733	44747	44761	44775
.005	.127	Blue	44706	44720	44734	44748	44762	44776
.0075	.191	Matte	44707	44721	44735	44749	44763	44777
.010	.254	Brown	44708	44722	44736	44750	44764	44778
.0125	.318	Black	44709	44723	44737	44751	44765	44779
.015	.381	Pink	44710	44724	44738	44752	44766	44780
.020	.508	Yellow	44711	44725	44739	44753	44767	44781
.025	.635	White	44712	44726	44740	44754	44768	44782
.030	.762	Coral	44713	44727	44741	44755	44769	44783
Asst.*	-	-	77714	44728	44742	44756	44770	44784

*Assortment includes 1 of each thickness listed above.



PRECISION BRAND PRODUCTS, INC.

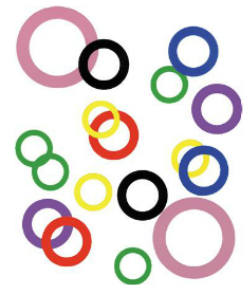
Plastic Arbor Shims

Color Coded - Sizes 1-1/8" thru 2"

- Precision Brand Plastic Arbor Shims are used for light duty spacing
- Used for fast, accurate spacing of milling cutters, gang cutters, saws and grinding tools
- Easy identification because the color tells the thickness
- Corrosion resistant
- Non-magnetic
- 10 pieces per package
- Larger and thicker shims are available on special order
- NOTE: SHIMS do not have a keyway.

Thck. (Dec.)	Thck. (mm)	Color	1-1/8" I.D. x 1-5/8" O.D. Mfg Part#	1-1/4" I.D. x 1-3/4" O.D. Mfg Part#	1-3/8" I.D. x 1-7/8" O.D. Mfg Part#	1-1/2" I.D. x 2-1/8" O.D. Mfg Part#	1-3/4" I.D. x 2-3/4" O.D. Mfg Part#	2" I.D. x 2-3/4" O.D. Mfg Part#
.001	.025	Amber	44785	44799	44813	44827	44841	44855
.0015	.038	Purple	44786	44800	44814	44828	44842	44856
.002	.051	Red	44787	44801	44815	44829	44843	44857
.003	.076	Green	44788	44802	44816	44830	44844	44858
.004	.102	Tan	44789	44803	44817	44831	44845	44859
.005	.127	Blue	44790	44804	44818	44832	44846	44860
.0075	.191	Matte	44791	44805	44819	44833	44847	44861
.010	.254	Brown	44792	44806	44820	44834	44848	44862
.0125	.318	Black	44793	44807	44821	44835	44849	44863
.015	.381	Pink	44794	44808	44822	44836	44850	44864
.020	.508	Yellow	44795	44809	44823	44837	44851	44865
.025	.635	White	44796	44810	44824	44838	44852	44866
.030	.762	Coral	44797	44811	44825	44839	44853	44867
Asst.*	-	-	44798	44812	44826	44840	44854	44868

*Assortments include 1 of each thickness listed above.



PRECISION BRAND PRODUCTS, INC.

Coupling Nuts

- Made of high quality low carbon steel
- Electro zinc plated for long shelf life
- Corrosion resistant
- Standard hex NC thread size
- Nuts have extended length for joining two pieces of rod firmly together
- Bulk, NF and other NC size nuts also available



Mfg Part#	Size	Width (in)	Length (in)	Pkg Qty	Wt (lbs)
52110	1/4-20	3/8	7/8	50	.98
52115	5/16-18	5/8	1-3/4	30	3.39
52120	3/8-16	5/8	1-3/4	30	3.58
52130	1/2-13	11/16	1-3/4	30	3.82
52135	5/8-11	13/16	2-1/8	20	3.04
52140	3/4-10	1	2-1/4	20	5.87
52145	7/8-9	1-1/4	2-1/2	10	5.91
52150	1-8	1-3/8	2-3/4	10	7.30

PRECISION BRAND PRODUCTS, INC.

Threaded Rod

National Course Threads

Plain Oil Finish

- Precision Brand Threaded Rod is made from high quality low carbon steel
- Stainless Steel, high strength B-7 Alloy and Left Hand Threaded Rod are also available
- National Coarse (NC) or National Fine (NF) threads
- Threads are rolled under high pressure for greater strength
- Available in plain oil finish and electro zinc plated
- Other materials, sizes, lengths and special threading available on special order



Size	Wt. Per 100 Ft.	2 Ft.* Mfg Part#	3 Ft. Mfg Part#	3 Ft. Pkg Qty	6 Ft. Mfg Part#	10 Ft. Mfg Part#	12 Ft. Mfg Part#	6, 10, & 12 Ft. Pkg Qty
4 - 40	2.3	27102	27104	10	-	-	-	-
5 - 40	3.3	27106	27108	10	-	-	-	-
6 - 32	3.7	27110	27114	10	27118	-	-	1
8 - 32	5.3	27120	27124	10	27128	-	-	1
10 - 24	7.0	27130	27134	10	27138	-	-	1
12 - 24	9.6	27152	27156	10	27160	-	-	1
1/4 - 20	12.6	27162	27166	5	27170	27174	27178	50
5/16 - 18	19.6	27194	27198	5	27202	27206	27210	30
3/8 - 16	28.6	27226	27230	5	27234	27238	27242	25
7/16 - 14	40.0	27258	27262	5	27266	27270	27274	18
1/2 - 13	53.0	27290	27294	5	27298	27302	27306	14
9/16 - 12	67.0	27322	27226	3	27330	-	27334	12
5/8 - 11	84.0	27350	27354	3	27358	27362	27366	8
3/4 - 10	123.0	27382	27386	3	27390	27394	27398	5
7/8 - 9	170.0	27414	27418	3	27422	27424	27426	4
1 - 8	225.0	27442	27446	3	27450	27456	27454	3
1-1/8 - 7	280.0	27470	27474	1	27478	-	27482	1
1-1/4 - 7	350.0	27494	27498	1	27502	-	27506	1
1-3/8 - 6	450.0	27518	27522	1	27526	-	27530	1
1-1/2 - 6	510.0	27542	27546	1	27550	-	27554	1
1-3/4 - 5	700.0	27566	27570	1	27574	-	27578	1
2 - 4-1/2	920.0	27582	27586	1	27590	-	27594	1

*Sold by individual piece

PRECISION BRAND PRODUCTS, INC.

Threaded Rod

National Course Threads

Electro Zinc

- Precision Brand Threaded Rod is made from high quality low carbon steel
- Stainless Steel, high strength B-7 Alloy and Left Hand Threaded Rod are also available
- National Coarse (NC) or National Fine (NF) threads
- Threads are rolled under high pressure for greater strength
- Available in plain oil finish and electro zinc plated
- Other materials, sizes, lengths and special threading available on special order



Size	Wt. Per 100 Ft.	2 Ft.* Mfg Part#	3 Ft. Mfg Part#	3 Ft. Pkg Qty	6 Ft. Mfg Part#	10 Ft. Mfg Part#	12 Ft. Mfg Part#	6, 10, & 12 Ft. Pkg Qty
4 - 40	2.3	-	37106	10	-	-	-	
5 - 40	3.3	-	37110	10	-	-	-	
6 - 32	3.7	37112	37116	10	-	-	-	
8 - 32	5.3	37122	37126	10	-	-	-	
10 - 24	7.0	37132	37136	10	-	-	-	
12 - 24	9.6	37154	37158	10	-	-	-	
1/4 - 20	12.6	37164	37168	5	37172	37176	37180	50
5/16 - 18	19.6	37196	37200	5	37204	37208	37212	30
3/8 - 16	28.6	37228	37232	5	37236	37240	37244	25
7/16 - 14	40.0	37260	37264	5	37268	37272	37276	18
1/2 - 13	53.0	37292	37296	5	37300	37304	37308	14
9/16 - 12	67.0	37324	37328	3	37332	-	37336	12
5/8 - 11	84.0	37352	37356	3	37360	37364	37368	8
3/4 - 10	123.0	37384	37388	3	37392	37396	37400	5
7/8 - 9	170.0	37416	37420	3	37424	37426	37428	4
1 - 8	225.0	37444	37448	3	37452	37458	37456	3
1-1/8 - 7	280.0	37472	37476	1	37480	-	37484	1
1-1/4 - 7	350.0	37496	37500	1	37504	-	37508	1
1-3/8 - 6	450.0	37520	37524	1	37528	-	37532	1
1-1/2 - 6	510.0	37544	37548	1	37552	-	37556	1
1-3/4 - 5	700.0	37568	37572	1	37576	-	37580	1
2 - 4-1/2	920.0	37584	37588	1	37592	-	37596	1

*Sold by individual pieces

PRECISION BRAND PRODUCTS, INC.

Threaded Rod

National Fine Threads

- Precision Brand Threaded Rod is made from high quality low carbon steel
- Stainless Steel, high strength B-7 Alloy and Left Hand Threaded Rod are also available
- National Coarse (NC) or National Fine (NF) threads
- Threads are rolled under high pressure for greater strength
- Available in plain oil finish and electro zinc plated
- Other materials, sizes, lengths and special threading available on special order



Size	Wt. Per 100 Ft.	Plain Oil 2 Ft.* Mfg Part#	Plain Oil 3 Ft. Mfg Part#	Plain Oil 3 Ft. Pkg Qty	Plain Oil 6 Ft.* Mfg Part#	Plain Oil 12 Ft.* Mfg Part#	Zinc Plated 3 Ft. Mfg Part#	Zinc Plated 3 Ft. Pkg Qty
10 - 32	7.3	27142	27146	10	27150	-	37148	10
1/4 - 28	13.6	27182	27186	5	27190	27192	37188	5
5/16 - 24	22.0	27214	27218	5	27220	27224	37220	5
3/8 - 24	32.0	27246	27250	5	27254	27256	37252	5
7/16 - 20	43.0	27278	27282	5	27286	27288	37284	5
1/2 - 20	57.0	27310	27314	5	27318	27320	37316	5
9/16 - 18	73.0	27338	27342	3	27346	27348	37344	3
5/8 - 18	91.0	27370	27374	3	27378	27380	37376	3
3/4 - 16	133.0	27402	27406	3	27410	27412	37408	3
7/8 - 14	182.0	27430	27434	3	27438	27440	37436	3
1 - 14	242.0	27458	27462	3	27466	27468	37464	3
1-1/8 - 12	300.0	27486	27488	1	27490	27492	-	-
1-1/4 - 12	350.0	27510	27512	1	27514	27516	-	-
1-3/8 - 12	450.0	27534	27536	1	27538	27540	-	-
1-1/2 - 12	550.0	27558	27560	1	27562	27564	-	-

*Sold by individual pieces

PRECISION BRAND PRODUCTS, INC.

Metric Threaded Rod

- Precision Brand Metric Threaded Rod is made from low carbon steel
- Sold by the individual piece



Size	Pitch	Zinc Placted 1 Meter Mfg	Plain Oil 1 Meter Mfg	Plain Oil 3 Meter Mfg	Wt. Per Meter
		Part#	Part#	Part#	
M5	.80	79500	79100	79200	.26
M6	1.00	79505	79105	79205	.36
M8	1.25	79510	79110	79210	.70
M10	1.50	79515	79115	79215	1.04
M12	1.75	79520	79120	79220	1.57
M14	2.00	79525	79125	79225	2.19
M16	2.00	79530	79130	79230	2.95
M20	2.50	79535	79135	79235	4.55

PRECISION BRAND PRODUCTS, INC.

Tool Wrap

- Precision Brand Tool Wrap is made of type 321, soft annealed, stainless steel
- Helps protect from scale and oxide buildup during heat treating in atmospheric furnaces
- Eliminates decarburization buildup
- Resistant to chromium carbide precipitation during exposure to high temperatures
- Protects the surface of air hardening tool steels
- Cut-to-fit stainless steel tool wrap creates an airtight envelope around your part
- Can be cut, folded and crease-sealed with ease
- Will not tear easily in normal use
- Can use in furnaces up to 1850°F (996°C)
- You realize the benefits of a vacuum furnace at a fraction of the cost



Mfg Part#	Size	Wt (lbs)
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321 Stainless Steel

20310	Approx. 12" wide and 50longx.002"thick'	5.25
20410	Approx 12" wide and 100longx.002"thick'	9.25
20110	Approx 24" wide and 50longx.002"thick'	9.25

Mfg Part#	Size	Wt (lbs)
20210	Approx 24" wide and 100longx.002"thick'	17.75

309 Stainless Steel

20810	Approx. 12" wide x 50longx.002"thick'	5.25
20910	Approx. 12" side x 100longx.002"thick'	9.50
20610	Approx. 24" wide x 50longx.002"thick'	9.25
20710	Approx. 24" wide x 100longx.002"thick'	17.75
20215	Seam Roller Tool - Sold Separately	.35

PRECISION BRAND PRODUCTS, INC.

Unicoil

- Unicoil™ allows you to bend straight hose into any shape
- Once Unicoil™ is bent, the hose stays in place
- Helps keep hoses away from hazards like hot spots, moving machinery, walkways, etc.
- Fast and easy to use, requires no special tools
- Prevents hose kinks and reduces fatigue from repeated bending
- Stainless Steel construction will not rust
- Works above or below ground and underwater
- Each coil can accommodate up to a 90 degree bend
- Two coils can create a 180 degree bend
- Unicoils are reusable...can be bent, straightened and re-bent



Mfg Part#	Size	Max. O.D.	Wt (lbs)
48500	8	.52"/13mm	.04
48505	10	.64"/16mm	.05
48510	12	.72"/18mm	.08
48515	13	.83"/21mm	.09
48520	15	.95"/24mm	.11
48525	18	1.09"/28mm	.13
48530	23	1.42"/36mm	.19

PRECISION BRAND PRODUCTS, INC.

Music Wire (Carbon Steel) & Stainless Steel Wire

- MUSIC WIRE is spring tempered and made from high carbon steel alloy
- High tensile strength and high fatigue resistance
- Applications include springs, wire forms, control linkages, armature binding, ceramic cutting and a variety of industrial uses
- Most wire is available in cut-and-straightened lengths and in bulk quantities as a special order.
- STAINLESS STEEL WIRE is spring tempered, full hard, 300 series stainless steel wire
- Excellent corrosion resistant qualities and smooth finish
- Same applications as Music Wire
- All packaged wire is shrink wrapped and bar coded. .006" to .078" are packaged in easy to use pull-type dispenser boxes.



Size (in)	Size (mm)	Approx. Feet per lb.	Music Wire Tensile Strength (ksi) min.-max.	Music Wire 1/4 lb. Mfg Part#	Music Wire 1 lb. Mfg Part#	Stainless Tensile Strength (ksi) min.-max.	Stainless 1 lb. Mfg Part#
.006	.152	10,404	415-455	21006	21206	325-355	29006
.007	.178	7,644	407-447	21007	21207	325-355	29007
.008	.203	5,853	399-434	21008	21208	325-355	29008
.009	.229	4,624	393-428	21009	21209	325-355	29009
.010	.254	3,746	387-422	21010	21210	320-350	29010
.011	.279	3,096	382-417	21011	21211	318-348	29011
.012	.305	2,601	377-412	21012	21212	316-346	29012
.013	.330	2,217	373-408	21013	21213	314-344	29013
.014	.356	1,911	369-404	21014	21214	312-342	29014
.016	.406	1,464	362-392	21016	21216	308-338	29016
.018	.457	1,156	356-386	21018	21218	304-334	29018
.020	.508	937	350-380	21020	21220	300-330	29020
.022	.559	774	345-375	21022	21222	296-326	29022
.024	.610	651	341-371	21024	21224	292-322	29024
.026	.660	555	337-367	21026	21226	291-320	29026
.029	.737	446	333-363	21029	21229	285-315	29029
.031	.787	390	330-360	21031	21231	285-315	29031
.033	.838	344	327-357	21033	21233	282-310	29033
.035	.889	306	324-354	21035	21235	280-308	29035
.037	.940	274	321-351	21037	21237	280-308	29037
.039	.991	247	318-348	21039	21239	275-304	29039
.041	1.041	223	315-345	21041	21241	275-304	29041
.043	1.092	203	313-343	21043	21243	272-300	29043
.045	1.143	185	309-339	21045	21245	272-300	29045
.047	1.194	170	309-339	21047	21247	-	-
.0475	1.207	166	-	-	-	267-295	29047
.049	1.245	156	306-336	21049	21249	-	-
.050	1.270	150	-	-	-	267-295	29050
.051	1.295	144	303-333	21051	21251	265-293	29051
.055	1.397	124	300-330	21055	21255	261-289	29055
.059	1.499	108	296-326	21059	21259	258-285	29059
.0625	1.588	97	-	-	-	258-285	29062
.063	1.600	95	293-323	21063	21263	-	-
.067	1.701	84	290-320	21067	21267	252-281	29067
.071	1.803	75	290-320	21071	21271	-	-
.072	1.829	73	-	-	-	250-278	29072
.075	1.905	67	287-317	21075	21275	-	-
.078	1.981	62	-	-	-	246-275	29078
.080	2.032	59	282-312	21080	21280	246-242	29080
.085	2.159	52	279-308	21085	21285	242-271	29085
.090	2.286	47	276-305	21090	21290	238-268	29090
.095	2.413	42	274-303	21095	21295	238-268	29095
.100	2.540	37	271-300	21100	-	232-262	29100
.105	2.667	34	-	-	-	232-262	29105

Size (in)	Size (mm)	Approx. Feet per lb.	Music Wire Tensile Strength (ksi) min.-max.	Music Wire 1/4 lb. Mfg Part#	Music Wire 1 lb. Mfg Part#	Stainless Tensile Strength (ksi) min.-max.	Stainless 1 lb. Mfg Part#
.106	2.692	33	270-299	21106	-	-	-
.109	2.769	31	-	-	-	227-257	29109
.112	2.845	30	266-294	21112	-	-	-
.118	2.997	27	266-294	21118	-	-	-
.120	3.048	26	-	-	-	222-263	29120
.125	3.175	24	261-288	21125	-	222-263	29125
.128	3.251	23	-	-	-	217-248	29128
.130	3.302	22	259-286	21130	-	-	-
.135	3.429	20	-	-	-	217-248	29135
.138	3.505	19	258-285	21138	-	-	-
.146	3.708	18	254-281	21146	-	-	-
.148	3.759	17	-	-	-	210-241	29148
.154	3.912	16	253-279	21154	-	-	-
.156	3.962	15	-	-	-	205-235	29156
.162	4.115	14	249-275	21162	-	205-235	29162
.170	4.318	13	249-275	21170	-	-	-
.177	4.496	12	-	-	-	198-228	29177
.180	4.572	11	245-270	21180	-	-	-
.187	4.750	10	-	-	-	194-225	29187