



POWER SCRAPERS

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Electronic Power Scrapers

Type BS-40

BIAX Universal Scraper, heavy-duty model particularly suitable for:

- extreme heavy scraping work in large machine construction
- steel scraping work on guide-beds and machine columns, in case of turbines, transmissions and in pump construction.

Part #:

230 V – 200 040 400

120 V – 200 040 110

Type BL-40

BIAX Universal Scraper, light model particularly suitable for:

- heavy scraping
- standard scraping
- fine scraping
- precision scraping and oil-tight scraping.

Also suitable for dovetail guides and prisms in conjunction with special blades.

Part #:

230 V – 200 040 380

120 V – 200 040 140

Accessories

Model BS-40
ratchet screw included

Model BL-40
none included

Part #:

ratchet screw 001 324 905

grab handle 003 004 748

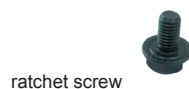
Note: Appearance and features of 230 volt scrapers may differ slightly from the 120 volt models shown. Please contact us for more information.



BS-40



BL-40



ratchet screw

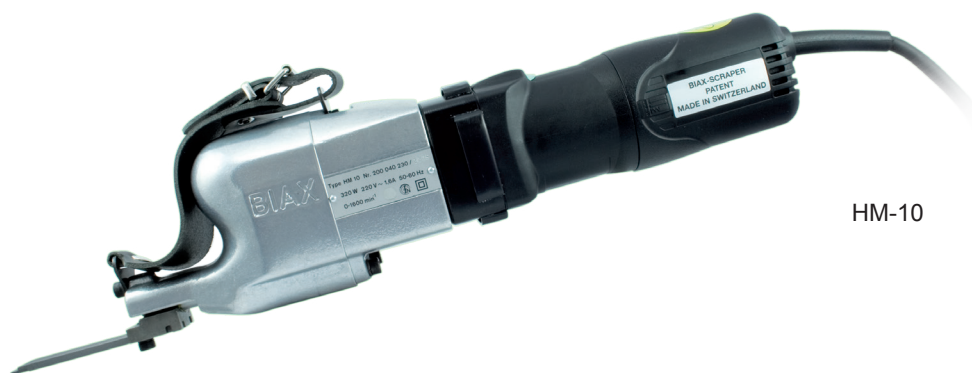


grab handle

Designation:	BS-40M	BS-40	BL-40M	BL-40
AC Voltage:	230 Volt	120 Volt	230 Volt	120 Volt
Part #:	200 040 400	200 040 110	200 040 380	200 040 140
Adjustable strokes / minute:	500 - 1,850	700 - 1,800	500 - 1,850	700 - 1,800
Adjustable stroke length:	mm 0 - 20	0 - 20	0 - 20	0 - 20
Power consumption:	Watt 800	320	800	320
Noise level:	dB(A) 71	82	71	82
Weight:	kg 5.5	5.5	4.0	4.0
Dimension:	L x W x H mm 460 x 80 x 107	440 x 80 x 107	460 x 80 x 107	440 x 80 x 107



BL-10



HM-10

Type BL-10

BIAX Universal Scraper, light model particularly suitable for:

- plastic scraping
- standard scraping
- fine scraping
- precision scraping and oil-tight scraping.

Also suitable for dovetail guides and prisms in conjunction with special blades.

Part #:

230 V – 200 040 360

120 V – 200 040 310

Type HM-10

BIAX Half-moon Pattern Scraper particularly suitable for:

- scraping oil-pockets
- for optically pleasing surfaces.

Part #:

230 V – 200 040 420

120 V – 200 040 340

Designation:	BL-10M	BL-10	HM-10M	HM-10
AC Voltage:	230 Volt	120 Volt	230 Volt	120 Volt
Part #:	200 040 360	200 040 310	200 040 420	200 040 340
Adjustable strokes / minute:	500 - 1,850	700 - 1,800	500 - 1,850	700 - 1,800
Adjustable stroke length:	mm 0 - 10	0 - 10	2 (fixed)	2 (fixed)
Power consumption:	Watt 800	320	800	320
Noise level:	dB(A) 71	82	71	82
Weight:	kg 3.6	3.6	2.7	2.7
Dimensions:	L x W x H mm 405 x 76 x 92	385 x 67 x 92	405 x 76 x 92	385 x 67 x 92

Note: Appearance and features of 230 volt scrapers may differ slightly from the 120 volt models shown. Please contact us for more information.

Pneumatic Power Scraper

Type DL-40

BIAX Universal Scraper light model particularly suitable for:

- heavy scraping
- standard scraping
- fine scraping and oil-tight scraping.

Also suitable for dovetail guides and prisms in conjunction with special blades.

Part

200 040 060

Connection via oil supply unit with pressure reducing valve, filter and oiler.



DL-40

		Accessories (not incl.)		
Designation	DL-40	Oil Supply Unit	Special oil	Hose Unit
Part #:	200 040 060		BIAX 0.5 Liter	with sound absorber
		001 367 045	001 365 602	001 366 530
number of strokes at 6 bar:	min ⁻¹ 1,400			
Infinitely variable stroke length:	mm 0 - 20			
Power:	Watt 350			
Noise level:	dB(A) 75			
Connecting thread:	R 1/4			
Weight:	kg 3.6			
Dimensions:	L x W x H mm 425 x 80 x 107			
Air consumption at strain:	l/min 600			
Hose amplitude:	mm 10			

Universal Hand Scraper

Our universal hand scraper provides a cost-effective alternative to power scraping.

This scraper is for use with all BIAX scraper blades and includes an adapter for use with replacement inserts.

Part #: BB20016

Scraper Dimensions: 15.5" x 1"



Scraper Blade Kits

Assortment No. 10

Part #:

210 099 710

BIAX Blade Assortment No. 10,
for scraper type BS 40, BL 40, BL 10 und DL 40

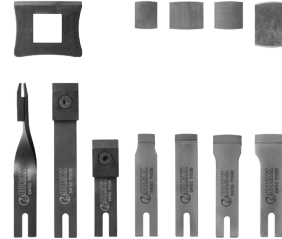
Contents

Clamp holder: KL 80, KL 130, KL 130 V

Control Gauge:

Scraper inserts: 25/20, 25/25, 25/30 30/40 ST

Scraper blades: 15/90, 20/90, 25/90, 30/90



Assortment No. 20

Part #:

210 098 910

BIAX Blade Assortment No. 20,
for scraper type BS40, BL40, BL 10 und DL40

Contents

Clamp holder: KL 170

Control Gauge:

Scraper blades: 15/150, 20/150, 25/150, 30/150 20/150 ST



Assortment No. 30

Part #:

210 099 510

BIAX Blade Assortment No. 30,
for scraper type HM 10

Contents

half-moon pattern scraper inserts: R 60/20, R 90/20, R 120/20, R 150/20



Assortment No. 31

Part #:

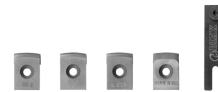
210 099 500

BIAX Blade Assortment No. 31,
for scraper type HM 10

Contents

Clamp holder: KL 70

half-moon pattern scraper blades: R 60, R 90, R 120, R 150



Assortment No. 40

Part #:

210 098 500

BIAX Blade Assortment No. 10,
for scraper technic 40

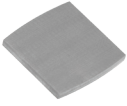
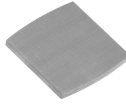
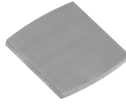
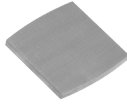
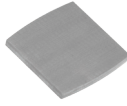
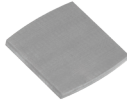
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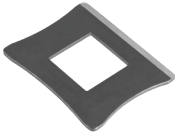
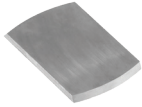
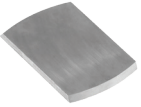
Control Gauge:

Scraper blades: 15/90/R20, 20/90/R40 15/150/R20, 20/150/R40



Scraper Inserts

Function	Carbide for prescraping and finished scraping					
						
Type	20/25	25/25	25/30	25/20	25/20	25/30
Part #:	001400203	001400205	001400207	001400219	001400220	001400221
Dimensions (LxW): mm	25x20	25x25	25x30	25x20	25x20	25x30
Cutter radius: mm	60	90	140	300	300	300
Cutting angle:	-3.5°	-3.5°	-3.5°	-3.5°	-3.5°	-3.5°

Function	Can be used as grinding gauge, for control scraping blade radius, for controlling bearing points, for cleaning particles from the workpiece		HSS- specially for scraping steel	
				
Type			25/30 ST	30/40 ST
Part #:	003001639		001400209	001400210
Dimensions (LxW): mm	60x50		25x30	30x40
Cutter radius: mm	-		60	60
Cutting angle:	-		+32°	+32°

Clamp Holder for Scraper Inserts

Function	Standard short type	Extended flexible	Turned for places of difficult access	For scraping at points with difficult access in conjunction with scraping blades
				
Type	KL 80	KL 130	KL 130 V	KL 170
Part #:	007004696	007004695	007004679	008002791
Dimensions (LxW): mm	85x23	135x23	134x23	170x24

Carbide-Tipped Scraper Blades

Carbide-tipped blades 90mm

Function	Dovetail guides for narrow guides	Standard blades for narrow guides	Standard blades prescraping	Prescraping	Prescraping
					
Type	10/90	15/90	20/90	25/90	30/90
Cutter radius: mm	60	60	60	90	140
Part #:	001 400 401	001 400 403	001 400 405	001 400 407	001 400 409
Cutter radius: mm	-	20	40	-	-
Part #:	-	001 400 413	001 400 414	-	-
Dimensions (WxB) mm	90 x10	90x15	90x20	90x25	90x30
Cutting angle:	-3.5°	-3.5°	-3.5°	-3.5°	-3.5°

Carbide-tipped blades 150mm

Function	Special blades for finishing scraping, spring-mounted type					HSS blade for scraping steel
						
90° turned blades available on request						
Type	10/150	15/150	20/150	25/150	30/150	20/150 ST
Cutter radius: mm	60	60	60	90	140	60
Part #:	001 401 901	001 401 902	001 401 903	001 401 904	001 401 905	001 401 906
Cutter radius: mm	-	20	40	-	-	-
Part #:	-	001 401 910	001 401 911	-	-	-
Dimensions (LxW): mm	150 x 10	150 x 15	150 x 20	150 x 25	150 x 30	150 x 20
Cutting angle:	-3.5°	-3.5°	-3.5°	-3.5°	-3.5°	-3.5°

Pattern Scraping Accessories

Scraper inserts for scraper type HM 10

Function	Carbide-tipped Standard type - robust design, for pattern scraping			
				
Type	R 60	R 90	R 120	R 150
Part #:	001 400 902	001 400 905	001 400 907	001 400 908
Dimensions (L x W): mm	34 x 23	34 x 23	34 x 23	34 x 23
Cutter radius: mm	60	90	120	150
Cutter angle:	-3.5°	-3.5°	-3.5°	-3.5°
Pattern size:	small	standard	large	extra large

Clamp holder for scraping blade inserts

	
Type	KL 70
Part #:	007 004 699
Dimensions (L x W): mm	75 x 20

Half-moon pattern scraper blades HM10

Function	Carbide-tipped Deep oil pockets guarantee the continuous flow of oil without rupturing of the oil film			
				
Type	R 60/20	R 90/20	R 120/20	R 150/20
Part #:	001 400 415	001 400 416	001 400 417	001 400 418
Dimensions (L x W): mm	90 x 20	90 x 20	90 x 20	90 x 20
Cutter radius: mm	60	90	120	150
Pattern size:	small	standard	large	extra large

Scraping Accessories & Aids

Catalog Number	Size	Description
Water-Soluble Spotting Ink* – in plastic bottle dispenser		
BB10000	1-1/2 oz.	Blue spotting ink
BB10007	8 oz.	
BB10005	1-1/2 oz.	Red spotting ink
BB10008	8 oz.	
BB10006	1-1/2 oz.	Yellow spotting ink
BB10009	8 oz.	

* Other colors available, subject to minimum order requirements. Contact us for details.

Prussian Blue & Spotting Ink Roller		
BB10011-R / BB10010	0.55 oz. / 2.12 oz	Prussian Blue (0.55 oz. or 2.12 oz. tube)
BB10019	2" dia. x 6"	Large ink roller
BB10015	1-1/2" dia. x 5"	Small ink roller
Catalog Number Size Description		
BB10016		Small ink pad

Control Gauge		
BB20000		For checking of scraper blade radii, checking of carrying points per square inch and removal of scraping chips, dust, etc.

Vertical Scraping Handle		
BP82060		Vertical scraping handle

Book & Instructional Video		
BB50000	Book	"Machine Tool Reconditioning," a 500+ page comprehensive, time-tested publication with many photos and illustrations.
BB50020	USB Thumb Drive	3-part video to teach the novice or fine-tune the skills of the expert scraping mechanic.



Water-Soluble Spotting Ink



Prussian Blue and Spotting Ink Roller



Control Gauge