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& QUALITY SOLUTIONS®**

Abstract - Product catalogue

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Handles and holders for polishing purpose

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TOOLS HOLDERS

5.1

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Holders for linear and rotary movement tools that facilitate the use of abrasives and polishing accessories.

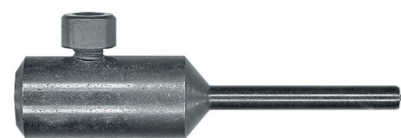
The entire range is made of extra-resistant materials such as steel or impact-resistant plastic to slow down the wear rate of tools.



LINEAR MOVEMENT TOOLS HOLDERS

Linear movement tool holders are a high performance and precise solution for the mold polishing industry. Thanks to their robustness and flexibility, they allow to obtain high quality finishes on surfaces of different materials, minimizing tool wear and improving productivity.

ADAPTER COLLET FROM Ø 4MM TO Ø 3MM SHANK



ITEM NUMBER	CODE
SV-R0403	42997

Shank	Ø 3
Graft hole	Ø 4
Material	Burnished steel

TOOL HOLDER FOR MINI-FILING MACHINE



ITEM NUMBER	CODE
50257000	RAF50257000

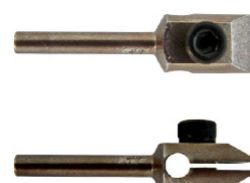
Hole shank	Ø 4
Material	Steel

CERAMIC STONES HOLDERS



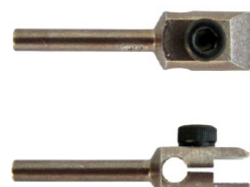
ITEM NUMBER	CODE
FMR/VH	478001

Shank	Ø 3
Openness (L x H)	max 6 x 13
Material	Steel



ITEM NUMBER	CODE
THPS-1	478002

Shank	Ø 3
Openness (L x H)	max 8 x 1
Material	Steel



ITEM NUMBER	CODE
THPS-3	478003

Shank	Ø 3
Openness (L x H)	max 6 x 6
Material	Steel

All dimensions are in millimeters (mm)

LINEAR MOVEMENT TOOLS HOLDERS

ABRASIVE STONES HOLDERS



ITEM NUMBER	CODE
SV-PA0613	42996

Shank	Ø 4
Openness (L x H)	max 6 x 13
Material	Burnished steel



ITEM NUMBER	CODE
403-1025	42992

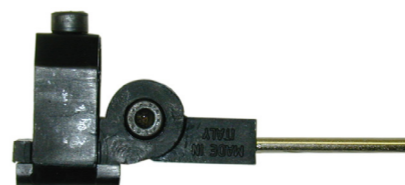
Shank	Ø 3
Openness (L x H)	max 3 x 6
Openness (Ø)	max 6
Material	Impact-resistant plastic



ITEM NUMBER	CODE
403-1030	42993

Shank	Ø 3
Openness (L x H)	max 3 x 12 / 6 x 6
Material	Impact-resistant plastic

HOLDERS FOR CERAMIC STONES AND WOOD LAPPING STICKS

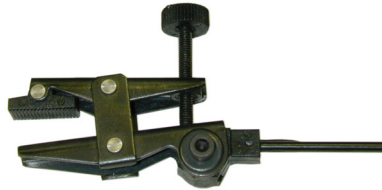
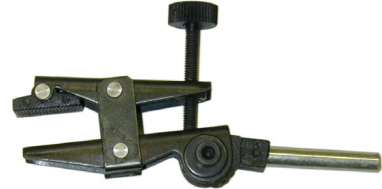


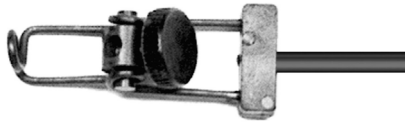
ITEM NUMBER	CODE
SV-3PL1313	42985

Shank	Ø 3
Openness (L x H)	max 13 x 13
Material	Impact-resistant plastic

All dimensions are in millimeters (mm)




LINEAR MOVEMENT TOOLS HOLDERS


HOLDERS FOR CERAMIC STONES AND WOOD LAPPING STICKS		ITEM NUMBER	CODE	
	Shank	Ø 3	SV-3PL1518	42990
	Openness (L x H)	max 18 x 15		
	Material	Burnished steel		
	Shank	Ø 6	SV-6PL1518	42990 / 6
	Openness (L x H)	max 18 x 15		
	Material	Burnished steel		

SPRING HOLDERS FOR RIFLOIRS FILES		ITEM NUMBER	CODE	
	Shank	Ø 3	SV-LR3	31640
	Material	Burnished steel		

All dimensions are in millimeters (mm)

LINEAR MOVEMENT TOOLS HOLDERS

ABRASIVE STONES HOLDERS WITH TUBE		ITEM NUMBER	CODE	
	Shank	Ø 4 - 6	SV-TB0810	42952
	Inner diameter	Ø 8		
	Outer diameter	Ø 10		
	Openness (L x H)	max 6 x 6		
	Material	Nylon tube with steel shank		
	Shank	Ø 4 - 6	SV-TB1012	42953
	Inner diameter	Ø 10		
	Outer diameter	Ø 12		
	Openness (L x H)	max 3 x 13		
	Material	Nylon tube with steel shank		
	Shank	Ø 4 - 6	SV-TB1214	42954
	Inner diameter	Ø 12		
	Outer diameter	Ø 14		
	Openness (L x H)	max 6 x 13		
	Material	Nylon tube with steel shank		

ABRASIVE STONES HOLDERS WITH TUBE		ITEM NUMBER	CODE	
	Shank	Ø 4 - 6	SV-TB0608	42951
	Inner diameter	Ø 6		
	Outer diameter	Ø 8		
	Openness (L x H)	max 3 x 6		
	Material	Nylon tube with steel shank		

All dimensions are in millimeters (mm)

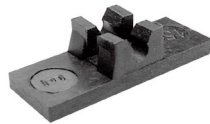
LINEAR MOVEMENT TOOLS HOLDERS

HILT FOR FLAT FINISHING TOOL



		ITEM NUMBER	CODE
Shank	Ø 3	SV-SOST	SV310SOST
Material	Steel		

PLASTIC FLAT FINISHING TOOL FOR SANDPAPERS



		ITEM NUMBER	CODE
Dimensions	9 x 30	SV-SUP0930	SV310SUP
Material	Plastic		
Package size	10		

HOLDERS FOR PRE-CUT SANDPAPER



		ITEM NUMBER	CODE
Dimensions	13 x 19	SV-SUP1319	42960
Material	Hard laminated wood with plastic hook		
Package size	5		
Dimensions	19 x 34	SV-SUP1934	42961
Material	Hard laminated wood with plastic hook		
Package size	5		
Dimensions	28 x 38	SV-SUP2838	42962
Material	Hard laminated wood with plastic hook		
Package size	5		

HOLDERS FOR PRE-CUT SANDPAPER



		ITEM	CODE
Shank	4	SV-4TA1975	42976
Dimensions	19 x 75		
Material	Carbon steel		



Shank	3	SV-3TA1050	42977
Dimensions	10 x 50		
Material	Carbon steel		

LINEAR MOVEMENT TOOLS HOLDERS

HOLDERS FOR PRE-CUT SANDPAPER



		ITEM	CODE
Shank	Ø 4	SV-4TA1050	42977 / 4
Dimensions	10 x 50		
Material	Carbon steel		

ROTARY MOVEMENT TOOLS HOLDERS

Rotary tool holders offer the possibility to use a wide range of abrasives, such as ground canvas, felt, and self-adhesive cloths, to perform roughing, grinding, and polishing operations on surfaces of different materials. Thanks to their robust and precise structure, these supports guarantee high processing quality and reduced production time, increasing the efficiency of the production process.

HOLDERS FOR POLISHING DISCS

The range of holders for abrasive discs contains standard products and supports for quick-release discs. The latter is designed for discs with SocAtt and Fast-Lock attachments that speed up the change of abrasive discs. In some cases, it may be necessary to finalize the holder with the pin marketed separately.

ELASTIC ROTARY HOLDERS FOR ADHESIVE DISCS

		ITEM NUMBER	CODE	
	Shank	Ø 3		
	Holders diameter	Ø 10		
	Hardness	Shore 60 (morbido)		
	Speed of use	max 10 m/s	R3-0,5	36003
	Material	Rubber body with steel shank		
	Package size	5		
	Shank	Ø 3		
	Holders diameter	Ø 10		
	Hardness	Shore 70 (duro)		
	Speed of use	max 10 m/s	R3-0,5H	36003H
	Material	Rubber body with steel shank		
	Package size	5		
	Shank	Ø 3		
	Holders diameter	Ø 18		
	Hardness	Shore 60 (morbido)		
	Speed of use	max 10 m/s	R3-0,9	36103
	Material	Rubber body with steel shank		
	Package size	5		

All dimensions are in millimeters (mm)

ROTARY MOVEMENT TOOLS HOLDERS

ELASTIC ROTARY HOLDERS FOR ADHESIVE DISCS

		ITEM NUMBER	CODE	
	Shank	Ø 3		
	Holders diameter	Ø 18		
	Hardness	Shore 70 (duro)		
	Speed of use	max 10 m/s	R3-0,9H	36103H
	Material	Rubber body with steel shank		
	Package size	5		
	Shank	Ø 3		
	Holders diameter	Ø 25		
	Hardness	Shore 60 (morbido)		
	Speed of use	max 10 m/s	R3-12,5	36104
	Material	Rubber body with steel shank		
	Package size	5		
	Shank	Ø 3		
	Holders diameter	Ø 30		
	Hardness	Shore 60 (morbido)		
	Speed of use	max 10 m/s	R3-15	36203
	Material	Rubber body with steel shank		
	Package size	5		
	Shank	Ø 3		
	Holders diameter	Ø 30		
	Hardness	Shore 70 (duro)		
	Speed of use	max 10 m/s	R3-15H	36203H
	Material	Rubber body with steel shank		
	Package size	5		




All dimensions are in millimeters (mm)

ROTARY MOVEMENT TOOLS HOLDERS

ELASTIC ROTARY HOLDERS FOR ADHESIVE DISCS		ITEM NUMBER	CODE	
	Shank	Ø 6	R6-15	36206
	Holder diameter	Ø 30		
Hardness	Shore 60 (morbido)			
Speed of use	max 10 m/s			
Material	Rubber body with steel shank			
Package size	5			
	Shank	Ø 6	R6-15H	36206H
	Holder diameter	Ø 30		
Hardness	Shore 70 (duro)			
Speed of use	max 10 m/s			
Material	Rubber body with steel shank			
Package size	5			
	Shank	Ø 6	R6-20	36207
	Holder diameter	Ø 40		
Hardness	Shore 60 (morbido)			
Speed of use	max 10 m/s			
Material	Rubber body with steel shank			
Package size	5			
	Shank	Ø 6	R6-22,5	36306
	Holder diameter	Ø 45		
Hardness	Shore 60 (morbido)			
Speed of use	max 10 m/s			
Material	Rubber body with steel shank			
Package size	5			

All dimensions are in millimeters (mm)

ROTARY MOVEMENT TOOLS HOLDERS




ELASTIC ROTARY HOLDERS FOR ADHESIVE DISCS		ITEM	CODE	
	Shank	Ø 6	R6-22,5H	36306H
	Holder diameter	Ø 45		
Hardness	Shore 70 (duro)			
Speed of use	max 10 m/s			
Material	Rubber body with steel shank			
Package size	5			
	Shank	Ø 6	R6-32,5	36406
	Holder diameter	Ø 65		
Hardness	Shore 60 (morbido)			
Speed of use	max. 10 m/s			
Material	Rubber body with steel shank			
Package size	1			
	Shank	Ø 6	R6-32,5H	36406H
	Holder diameter	Ø 65		
Hardness	Shore 60 (morbido)			
Speed of use	max 10 m/s			
Material	Rubber body with steel shank			
Package size	1			

All dimensions are in millimeters (mm)

ROTARY MOVEMENT TOOLS HOLDERS




MANDRELS FOR ROTARY MOVEMENT TOOLS

Mandrels for rotary movement tools offer a reliable solution for fixing and using various accessories on rotary tools such as diamond discs, felts, and abrasive rubbers. Made of high-quality materials, these tools guarantee a firm and safe grip during cutting and polishing operations. Compatible with different mounting sizes, the spindles allow quick and easy change of accessories for greater versatility and precision in applications.

SCREW MANDRELS		ITEM NUMBER	CODE	
	Shank	Ø 2,35	SV235-1	54001
	Connection hole	Ø 1,5		
	Screw lenght	15		
	Total lenght	48		
	Material	Steel		
	Package size	10		
		Shank		
Disc thickness		0,4 - 4,5		
Lowercase lenght		25		
Total lenght		40		
Material		Steel		
Package size		10		
		Shank	Ø 3	SV300-1
	Connection hole	Ø 2		
	Screw lenght	15		
	Total lenght	50		
	Material	Steel		
	Package size	10		



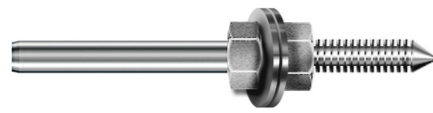
All dimensions are in millimeters (mm)

ROTARY MOVEMENT TOOLS HOLDERS

SCREW MANDRELS		ITEM NUMBER	CODE	
	Shank	Ø 3	SV300-2	54009
	Connection hole	Ø 3,175		
	Screw lenght	15		
	Total lenght	50		
	Material	Steel		
	Package size	10		
		Shank		
Disc thickness		0,4 - 4,5		
Lowercase lenght		25		
Total lenght		40		
Material		Steel		
Package size		10		
		Shank	Ø 3	SV300-4
	Spessore del dischetto	4,5 - 6,5		
	Screw lenght	29		
	Total lenght	44		
	Material	Steel		
	Package size	10		




All dimensions are in millimeters (mm)

ROTARY MOVEMENT TOOLS HOLDERS

SCREW MANDRELS		ITEM NUMBER	CODE
	Shank	Ø 6	SV600-1
	Connection hole	Ø 6	
	Screw lenght	15	
	Total lenght	45	
	Material	Steel	
	Package size	10	
	Shank	Ø 6	SV600-2
	Connection hole	Ø 6	
	Screw lenght	20	
	Total lenght	60	
	Material	Steel	
	Package size	10	
	Shank	Ø 6	SV600-3
	Connection hole	Ø 6	
	Screw lenght	30	
	Total lenght	65	
	Material	Steel	
	Package size	10	

All dimensions are in millimeters (mm)

ROTARY MOVEMENT TOOLS HOLDERS

INCREASER PIECE FOR ROTARY TOOLS		ITEM NUMBER	CODE
	Shank	Ø 2,35	SV-ADC
	Connection hole	Ø 3	
	Total lenght	28	
	Material	Ottone	
	Package size	10	
MANDRELS FOR SHANK ADAPTATION		ITEM NUMBER	CODE
	Shank	Ø 2,35	SV-ADA
	Connection hole	Ø 3	
	Total lenght	49	
	Material	Steel	
	Shank	Ø 3	SV-ADB
	Connection hole	Ø 2,35	
	Total lenght	49	
	Material	Steel	

All dimensions are in millimeters (mm)

FELT, BRUSHES AND POLISHING TOOLS

6.4


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Felt and fiber lapping discs	34

An extensive range of products and tools in wood, felt, plexiglass and natural fibres for metal polishing. Almost 80% of the production is made in Italy with raw materials of the highest quality from certified sources. Accurate production control allows Sverital® to offer its customers strong and durable products.




WOOD LAPPING STICKS

Wood lapping sticks are ideal tools for lapping and polishing with diamond compounds. Available in three different hardnesses of wood, the sticks are versatile and can be shaped to reach even the edges and profiles more difficult to polish. Thanks to their smooth surface, the wood lapping sticks ensure a uniform and high-quality finish.

	SHAPE	DIMENSIONS	MATERIAL	HARDNESS	PCS	CODE
	Square	3 x 3 x 150	Balsa	Very soft	100	42502E
		3 x 3 x 150	Lime wood	Soft	100	42501E
		3 x 3 x 150	Beech	Hard	100	42500E
		4,5 x 4,5 x 150	Balsa	Very soft	100	42512E
		4,5 x 4,5 x 150	Lime wood	Soft	100	42511E
		4,5 x 4,5 x 150	Beech	Hard	100	42510E
		6,5 x 6,5 x 150	Balsa	Very soft	100	42517E
		6,5 x 6,5 x 150	Lime wood	Soft	100	42516E


All dimensions are in millimeters (mm)

WOOD LAPPING STICKS

	SHAPE	DIMENSIONS	MATERIAL	HARDNESS	PCS	CODE
	Square	6,5 x 6,5 x 150	Beech	Hard	100	42515E
		10 x 10 x 250	Lime wood	Soft	100	425281E
		15 x 15 x 250	Lime wood	Soft	100	425283E
	Rectangular	3 x 7 x 150	Balsa	Very soft	100	42522E
		3 x 7 x 150	Lime wood	Soft	100	42521E
		3 x 7 x 150	Beech	Hard	100	42520E
		3 x 10 x 150	Beech	Hard	100	42524E
		8 x 12,5 x 150	Balsa	Very soft	100	42527E


All dimensions are in millimeters (mm)

WOOD LAPPING STICKS

	SHAPE	DIMENSIONS	MATERIAL	HARDNESS	PCS	CODE
 <p>i For specific handles and holders, see section 5.1</p>	Rectangular	8 x 12,5 x 150	Lime wood	Soft	100	42526E
		8 x 12,5 x 150	Beech	Hard	100	42525E
		8 x 19 x 150	Lime wood	Soft	100	42531E
		8 x 19 x 150	Beech	Hard	100	42530E
		8 x 30 x 200	Lime wood	Soft	1	42532
	Round with tip	Ø 3 x 150	Lime wood	Soft	100	42536E
		Ø 3 x 150	Beech	Hard	100	42535E
		Ø 4,5 x 150	Lime wood	Soft	100	42541E

All dimensions are in millimeters (mm)

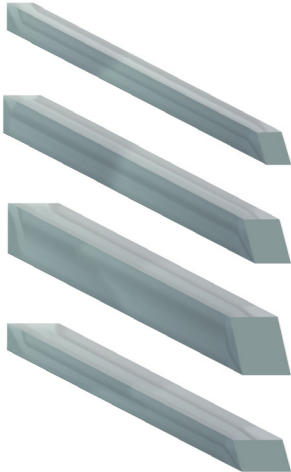
WOOD LAPPING STICKS

	SHAPE	DIMENSIONS	MATERIAL	HARDNESS	PCS	CODE														
 <p>i For specific handles and holders, see section 5.1</p>	Round with tip	Ø 4,5 x 150	Beech	Hard	100	42540E														
		Ø 6,5 x 150	Lime wood	Soft	100	42546E														
		Ø 6,5 x 150	Beech	Hard	100	42545E														
		Ø 8 x 250	Lime wood	Soft	1	42548														
		Ø 10 x 250	Beech	Hard	1	42544														
		Round	Ø 10 x 250	Beech	Hard	1	42549													
	<table border="1"> <thead> <tr> <th>PRODUCT DESCRIPTION</th> <th>SHAPE</th> <th>DIMENSIONS</th> <th>MATERIAL</th> <th>HARDNESS</th> <th>PCS</th> <th>CODE</th> </tr> </thead> <tbody> <tr> <td>Assortment of hardwood lapping sticks that includes a piece of each of the following codes: 42500, 42510, 42515, 42520, 42525, 42530, 42535 (2 pezzi), 42540, 42545.</td> <td>Various</td> <td>Various</td> <td>Beech</td> <td>Hard</td> <td>10</td> <td>42550</td> </tr> </tbody> </table>						PRODUCT DESCRIPTION	SHAPE	DIMENSIONS	MATERIAL	HARDNESS	PCS	CODE	Assortment of hardwood lapping sticks that includes a piece of each of the following codes: 42500, 42510, 42515, 42520, 42525, 42530, 42535 (2 pezzi), 42540, 42545.	Various	Various	Beech	Hard	10	42550
	PRODUCT DESCRIPTION	SHAPE	DIMENSIONS	MATERIAL	HARDNESS	PCS	CODE													
	Assortment of hardwood lapping sticks that includes a piece of each of the following codes: 42500, 42510, 42515, 42520, 42525, 42530, 42535 (2 pezzi), 42540, 42545.	Various	Various	Beech	Hard	10	42550													

All dimensions are in millimeters (mm)

PLEXIGLASS LAPPING STICKS


Plexiglas lapping sticks are an excellent alternative to wood lapping sticks, generally used for lapping or polishing mold and dies in steel or carbide. They are particularly suitable for use with diamond paste and retain the geometry of the part being processed. They can be used by hand or through an alternative motion tool.

	SHAPE	DIMENSIONS	PCS	CODE
 <p>i For specific handles and holders, see section 5.1</p>	Square with chamfer	3 x 3 x 150	100	42500PLXE
		4,5 x 4,5 x 150	100	42510PLXE
		6,5 x 6,5 x 150	100	42515PLXE
	Rectangular with chamfer	3 x 7 x 150	100	42520PLXE
		8 x 12,5 x 150	100	42525PLXE
		8 x 19 x 150	100	42530PLXE

All dimensions are in millimeters (mm)

FELT LAPPING STICKS

Felt lapping sticks are another alternative to wood and plexiglass lapping sticks. They are used in the polishing of cavities or flat surfaces of molds and steel dies.

	SHAPE	DIMENSIONS	MATERIAL	HARDNESS	PCS	CODE	
 <p>i For specific handles and holders, see section 5.1</p>	Square with chamfer	6 x 6 x 100	Felt	Medio	100	42585E	
		6 x 6 x 100	Felt	Hard	100	42580E	
		13 x 13 x 100	Felt	Medium hard	1	42586	
		Square with chamfer	13 x 13 x 100	Felt	Hard	1	42581

All dimensions are in millimeters (mm)

LAPPING SHEETS IN FELT AND FIBER

Felt or fiber lapping sheets are suitable for polishing molds and equipment made of steel, aluminum, and non-metals. The soft variants of the materials can be cut to obtain shapes and shapes more suitable for the necessary processing.

	SHAPE	MATERIAL	DIMENSIONS	FIXING	PCS	CODE			
	Sheet	Soft felt	200 x 300 x 3	Adhesive	1	42568			
			200 x 300 x 3	Non adhesive	1	42568NA			
			200 x 300 x 6	Non adhesive	1	42571			
			200 x 300 x 8	Non adhesive	1	42570			
			200 x 300 x 15	Non adhesive	1	42574			
			200 x 300 x 25	Non Adhesive	1	42575			
				Sheet	Synthetic fiber	200 x 300 x 1,5	Adhesive	1	42558A
						200 x 300 x 1,5	Non adhesive	1	42558

All dimensions are in millimeters (mm)

MOUNTED LAPPING TOOLS

Mounted lapping tools are specially designed for use with alternative motion filing machines. Available with felt, wood, and fiber bases of different hardness mounted on a steel support.

	MATERIAL	HARDNESS	DIMENSIONS	SHANK	CHAMFER	PCS	CODE
	Beech	Hard	12 x 48	Ø 3	10°	1	42974
			19 x 35	Ø 3	14°	1	42975
	Felt	Hard	6 x 6 x 30	Ø 3	45°	10	42587/01
		Soft	6 x 6 x 30	Ø 3	45°	10	42587/11
		Hard	8 x 8 x 30	Ø 3	45°	10	42587/02
		Soft	8 x 8 x 30	Ø 3	45°	10	42587/12
		Hard	10 x 10 x 45	Ø 3	45°	10	42587/03
		Soft	10 x 10 x 45	Ø 3	45°	10	42587/13
		Hard	12 x 12 x 45	Ø 3	45°	10	42587/04
		Soft	12 x 12 x 45	Ø 3	45°	10	42587/14
		Hard	18 x 18 x 45	Ø 3	45°	10	42587/05
		Soft	18 x 18 x 45	Ø 3	45°	10	42587/15
	Copper	-	7 x 18 x 1	Ø 3	-	1	42120
	Synthetic fiber	-	7 x 18 x 1,5	Ø 3	-	10	42140
	Felt	Hard	7 x 18 x 3	Ø 3	-	10	42170

All dimensions are in millimeters (mm)

POLISHING BRUSHES

Polishing brushes available in natural, synthetic and metal bristles are ideal for removing contamination from surfaces such as scale, rust, dirt, slag and paint. These brushes are also suitable for cleaning, deburring and surface preparation for subsequent treatments such as bonding other materials and polishing with fine diamond pastes. Made with selected quality materials, they are available in natural bristles, steel and brass.

SVERITAL® POLISHING BRUSHES

	SHAPE	MATERIAL	DIMENSIONS	SHANK	PCS	CODE
	Cup	Soft bristle	14 x 6	Ø 2,35	100	41702E
			14 x 6	Ø 3	100	41707E
	Cup	Hard bristle	14 x 6	Ø 2,35	100	41712E
			14 x 6	Ø 3	100	41717E
	Cup	Brass	14 x 6	Ø 2,35	100	41722E
			14 x 6	Ø 3	100	41727E
	Cup	Steel	14 x 6	Ø 2,35	100	41732E
			14 x 6	Ø 3	100	41737E

All dimensions are in millimeters (mm)

POLISHING BRUSHES

	SHAPE	MATERIAL	DIMENSIONS	SHANK	PCS	CODE
	Disc	Crine Soft	21 x 5	Ø 2,35	100	41701E
					Ø 3	100
	Disc	Crine Hard	21 x 5	Ø 2,35	100	41711E
					Ø 3	100
	Disco	Brass	21 x 5	Ø 2,35	100	41721E
					Ø 3	100
	Disc	Steel	21 x 5	Ø 2,35	100	41731E
					Ø 3	100

All dimensions are in millimeters (mm)


POLISHING BRUSHES

	SHAPE	MATERIAL	DIMENSIONS	SHANK	PCS	CODE
	Brush	Soft bristle	5 x 6	Ø 2,35	100	41704E
			6 x 10	Ø 2,35	100	41705E
			5 x 6	Ø 3	100	41709E
			6 x 10	Ø 3	100	41710E
	Brush	Hard bristle	5 x 6	Ø 2,35	100	41714E
			6 x 10	Ø 2,35	100	41715E
			5 x 6	Ø 3	100	41719E
			6 x 10	Ø 3	100	41720E
	Brush	Brass	5 x 6	Ø 2,35	100	41724E
			6 x 10	Ø 2,35	100	41725E
			5 x 6	Ø 3	100	41729E
			6 x 10	Ø 3	100	41730E
	Brush	Steel	5 x 6	Ø 2,35	100	41734E
			6 x 10	Ø 2,35	100	41735E
			5 x 6	Ø 3	100	41739E
			6 x 10	Ø 3	100	41740E

All dimensions are in millimeters (mm)

MOUNTED COTTON BRUSHES






Mounted cotton brushes are used in the last stage of polishing, after treatment with felt and together with diamond pastes, to remove shading and obtain a perfect finish on stainless steel. It is important to avoid excessive manual pressure on the tool to obtain the maximum result.

	SHAPE	MATERIAL	HARDNESS	DIMENSIONS	SHANK	PCS	CODE
	Brush	Cotton	Soft	Ø 6 x 12	Ø 3	10	41572
	Brush	Cotton	Soft	Ø 8 x 15	Ø 3	10	41573
				Ø 15 x 12	Ø 3	10	41574/3/15
	Brush	Cotton	Soft	Ø 25 x 15	Ø 6	10	41574/6/25
				Ø 30 x 25	Ø 6	10	41574/6/30
	Wheel	Cotton	Soft	Ø 20	Ø 2,35	10	41795
	Wheel	Cotton	Soft	Ø 30	Ø 3	10	41796/3/30
				Ø 45	Ø 6	10	41796/6/45
	Wheel	Cotton	Soft	Ø 21	Ø 2,35	10	41790
	Wheel	Cotton	Soft	Ø 70	Ø 6	1	41796/70

All dimensions are in millimeters (mm)






MOUNTED WOOD BOBS

Mounted wood bobs are available in different varieties of wood, from soft to hard, and are used for machining carbide dies through lapping and polishing with diamond paste. The hardwood versions remove the rows left by the diamond file and lapp the die, while those in soft or softwood are used for the final polishing stage.

	SHAPE	MATERIAL	HARDNESS	DIMENSIONS	SHANK	PCS	CODE
	Cylindrical	Lime wood	Soft	6 x 15	Ø 3	100	41204E
		Beech	Hard	6 x 15	Ø 3	100	41104E
	Cylindrical	Lime wood	Soft	8 x 16	Ø 3	100	41213E
		Beech	Hard	8 x 16	Ø 3	100	41099E
	Cylindrical	Lime wood	Soft	8 x 20	Ø 3	100	41118E
		Beech	Hard	8 x 20	Ø 3	100	41117E
	Cylindrical	Lime wood	Soft	10 x 20	Ø 3	100	41203E
		Beech	Hard	10 x 20	Ø 3	100	41103E
	Cylindrical	Lime wood	Soft	12 x 25	Ø 3	100	41214E
		Beech	Hard	12 x 25	Ø 3	100	41100E



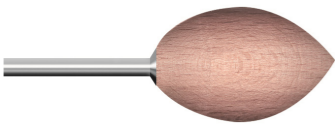
All dimensions are in millimeters (mm)

MOUNTED WOOD BOBS

	SHAPE	MATERIAL	HARDNESS	DIMENSIONS	SHANK	PCS	CODE
	Cylindrical	Lime wood	Soft	13 x 20	Ø 3	100	41220E
		Beech	Hard	13 x 20	Ø 3	100	41219E
	Cylindrical	Lime wood	Soft	15 x 25	Ø 3	100	41202E
		Beech	Hard	15 x 25	Ø 3	100	41102E
	Cylindrical	Lime wood	Soft	20 x 30	Ø 3	100	41201E
		Beech	Hard	20 x 30	Ø 3	100	41101E
	Cylindrical	Lime wood	Soft	25 x 25	Ø 6	10	41225/6
		Beech	Hard	25 x 25	Ø 6	10	41112
	Cylindrical	Lime wood	Soft	25 x 30	Ø 6	10	41215
		Beech	Hard	25 x 30	Ø 6	10	41163

All dimensions are in millimeters (mm)





MOUNTED WOOD BOBS

	SHAPE	MATERIAL	HARDNESS	DIMENSIONS	SHANK	PCS	CODE
	Cylindrical	Lime wood	Soft	30 x 30	Ø 6	10	41217
		Beech	Hard	30 x 30	Ø 6	10	41164
		Lime wood	Soft	30 x 35	Ø 6	5	41226/6
		Beech	Hard	30 x 35	Ø 6	10	41113
	Spherical	Lime wood	Soft	Ø 10	Ø 3	100	41210E
		Beech	Hard	Ø 10	Ø 3	100	41110E
		Lime wood	Soft	Ø 15	Ø 3	100	41209E
		Beech	Hard	Ø 15	Ø 3	100	41109E
	Teardrop	Lime wood	Soft	9 x 15	Ø 3	100	41208E
		Beech	Hard	9 x 15	Ø 3	100	41108E
		Lime wood	Soft	10 x 30	Ø 3	100	41206E
		Beech	Hard	10 x 30	Ø 3	100	41106E
		Lime wood	Soft	13 x 20	Ø 3	100	41207E
		Beech	Hard	13 x 20	Ø 3	100	41107E
		Lime wood	Soft	20 x 30	Ø 3	100	41205E
		Beech	Hard	20 x 30	Ø 3	100	41105E

PRODUCT DESCRIPTION	SHAPE	MATERIAL	HARDNESS	DIMENSIONS	SHANK	PCS	CODE
Assortment of soft mounted soft bobs that includes one piece of each of the following codes: 41201, 41202, 41203, 41204, 41205, 41206, 41207, 41208, 41209, 41210.	Various	Lime wood	Soft	Various	Ø 3	10	41211
Assortment of soft mounted hard bobs that includes one piece of each of the following codes: 41101, 41102, 41103, 41104, 41105, 41106, 41107, 41108, 41109, 41110.		Beech	Hard	Various	Ø 3	10	41111

All dimensions are in millimeters (mm)

MOUNTED WOOD BOBS

LAMINATED	SHAPE	MATERIAL	HARDNESS	DIMENSIONS	SHANK	PCS	CODE
	Cylindrical	Laminated beech	Hard	6 x 20	Ø 3	100	41133E
				7 x 12	Ø 3	100	41120E
	Cylindrical	Laminated beech	Hard	8 x 20	Ø 3	100	41134E
				10 x 20	Ø 3	100	41135E
				12 x 20	Ø 3	100	41121E
	Cylindrical	Laminated beech	Hard	16 x 30	Ø 3	100	41136E
				20 x 30	Ø 3	100	41122E
	Ogive	Laminated beech	Hard	7 x 16	Ø 3	100	41130E
				12 x 30	Ø 3	100	41131E
				20 x 30	Ø 3	100	41132E

All dimensions are in millimeters (mm)

FELT BOBS



Felt bobs are made of high-quality merino wool and are available in two different hardnesses: soft and hard. They are ideal for use with diamond pastes to obtain a specular finish on molds. It is recommended to use them at a rotation speed between 5-10 m/s and the dimensions may vary up to $\pm 5\%$.


MOUNTED FELT BOBS

	SHAPE	MATERIAL	HARDNESS	DIMENSIONS	SHANK	PCS	CODE
	Cylindrical	Felt	Soft	3 x 8	Ø 3	100	41314E
			Hard	3 x 8	Ø 3	100	41314HE
			Soft	4 x 8	Ø 3	100	41313E
			Hard	4 x 8	Ø 3	100	41313HE
			Soft	6 x 10	Ø 3	100	41315E
	Cylindrical	Felt	Hard	6 x 10	Ø 3	100	41315HE
			Soft	6 x 15	Ø 3	100	41304E
	Cylindrical	Felt	Hard	6 x 15	Ø 3	100	41354E
			Soft	8 x 10	Ø 3	100	41316E
			Hard	8 x 10	Ø 3	100	41316HE
			Soft	6 x 15	Ø 3	100	41304E

All dimensions are in millimeters (mm)

FELT BOBS


	SHAPE	MATERIAL	HARDNESS	DIMENSIONS	SHANK	PCS	CODE
	Cylindrical	Felt	Soft	10 x 20	Ø 3	100	41303E
			Hard	10 x 20	Ø 3	100	41353E
	Cylindrical	Felt	Soft	15 x 25	Ø 3	100	41302E
			Hard	15 x 25	Ø 3	100	41352E
			Soft	20 x 30	Ø 3	100	41301E
			Hard	20 x 30	Ø 3	100	41351E



LONG SHANK 90 mm	SHAPE	MATERIAL	HARDNESS	DIMENSIONS	SHANK	PCS	CODE
	Cylindrical	Felt	Soft	6 x 15	Ø 3	100	41304LE
			Hard	6 x 15	Ø 3	100	41354LE

PRODUCT DESCRIPTION	SHAPE	MATERIAL	HARDNESS	DIMENSIONS	SHANK	PCS	CODE
Assortment of soft felt bobs including one piece of each of the following codes: 41301, 41302, 41303, 41304, 41305, 41306, 41307, 41308, 41309, 41310.	Various	Felt	Soft	Various	Ø 3	10	41311

All dimensions are in millimeters (mm)

FELT BOBS

LONG SHANK 90 mm	SHAPE	MATERIAL	HARDNESS	DIMENSIONS	SHANK	PCS	CODE
	Cylindrical	Felt	Soft	10 x 20	Ø 3	100	41303LE
			Hard	10 x 20	Ø 3	100	41353LE
			Soft	15 x 25	Ø 3	100	41302LE
			Hard	15 x 25	Ø 3	100	41352LE

	SHAPE	MATERIAL	HARDNESS	DIMENSIONS	Ø SHANK	PCS	CODE
	Teardrop	Felt	Soft	9 x 15	Ø 3	100	41308E
			Hard	9 x 15	Ø 3	100	41358E
	Teardrop	Felt	Soft	13 x 20	Ø 3	100	41307E
			Hard	13 x 20	Ø 3	100	41357E

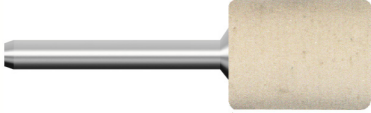
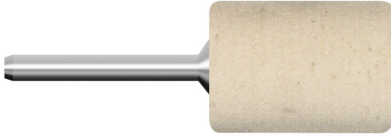
All dimensions are in millimeters (mm)

FELT BOBS

	SHAPE	MATERIAL	HARDNESS	DIMENSIONS	SHANK	PCS	CODE
	Ogive	Felt	Soft	10 x 30	Ø 3	100	41306E
			Hard	10 x 30	Ø 3	100	41356E
	Ogive	Felt	Soft	20 x 30	Ø 3	100	41305E
			Hard	20 x 30	Ø 3	100	41355E
	Spherical	Felt	Soft	Ø 10	Ø 3	100	41310E
			Hard	Ø 10	Ø 3	100	41350E
	Spherical	Felt	Soft	Ø 15	Ø 3	100	41309E
			Hard	Ø 15	Ø 3	100	41309HE
	Inverted cone	Felt	Hard	10-6 x 15	Ø 3	100	41300/59E
			Soft	14-10 x 15	Ø 3	100	41300/54E

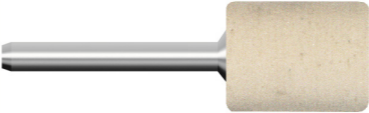
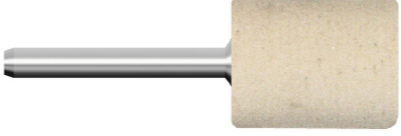

All dimensions are in millimeters (mm)

FELT BOBS

	SHAPE	MATERIAL	HARDNESS	DIMENSIONS	SHANK	PCS	CODE
	Cylindrical	Felt	Soft	10 x 15	Ø 6	10	41401
			Hard	10 x 15	Ø 6	5	41451
			Soft	15 x 20	Ø 6	10	41402
			Hard	15 x 20	Ø 6	5	41452
	Cylindrical	Felt	Soft	15 x 35	Ø 6	10	41414
			Hard	15 x 35	Ø 6	5	41453
			Soft	20 x 25	Ø 6	10	41403
			Hard	20 x 25	Ø 6	5	41454

All dimensions are in millimeters (mm)

FELT BOBS

	SHAPE	MATERIAL	HARDNESS	DIMENSIONS	SHANK	PCS	CODE
	Cylindrical	Felt	Soft	25 x 30	Ø 6	10	41404
			Hard	25 x 30	Ø 6	5	41455
	Cylindrical	Felt	Soft	30 x 40	Ø 6	10	41412
			Hard	30 x 40	Ø 6	5	41456
			Soft	35 x 40	Ø 6	10	41422
	Conical	Felt	Hard	40 x 40	Ø 6	5	41457
			Soft	10 x 18	Ø 6	10	41406

All dimensions are in millimeters (mm)

FELT BOBS


	SHAPE	MATERIAL	HARDNESS	DIMENSIONS	SHANK	PCS	CODE
	Ogive	Felt	Soft	10 x 15	Ø 6	10	41405
	Ogive	Felt	Soft	15 x 30	Ø 6	10	41407
	Ogive	Felt	Soft	20 x 40	Ø 6	10	41419
				25 x 30			41408
				30 x 35			41409
	Ogive	Felt	Soft	30 x 40	Ø 6	10	41421
	Mushroom	Felt	Soft	10 x 15	Ø 6	10	41410
	Teardrop	Felt	Soft	17,5 x 40	Ø 6	10	41416
	Inverted cone	Felt	Soft	50-30 x 20	Ø 6	1	41300/61

All dimensions are in millimeters (mm)

FELT BOBS

	SHAPE	MATERIAL	HARDNESS	DIMENSIONS	SHANK	PCS	CODE
	Wheel	Felt	Soft	13 x 5	Ø 3	100	41300/50E
				17 x 5			41750E
				22 x 5			41760E
				25 x 5			41300/51E
	Wheel	Felt	Soft	35 x 20	Ø 6	1	41430
	Wheel	Felt	Soft	40 x 20	Ø 6	1	41431
				50 x 20			41432
							
							

	SHAPE	MATERIAL	HARDNESS	DIMENSIONS	FORO	PCS	CODE
							
							


 Suggested mandrel **cod. 54005** in the **section 5.1**

 Suggested mandrel **cod. 54007** in the **section 5.1**

All dimensions are in millimeters (mm)

FELT BOBS

	SHAPE	MATERIAL	HARDNESS	DIMENSIONS	SHANK	PCS	CODE
	Lenticular	Felt	Hard	17 x 5	Ø 3	100	41770E
				22 x 5	Ø 3	100	41780E
	Lenticular	Felt	Hard	30 x 5	Ø 6	1	41435
				40 x 5	Ø 6	1	41436
	Lenticular	Felt	Hard	50 x 5	Ø 6	1	41437
				60 x 5	Ø 6	1	41438
				70 x 5	Ø 6	1	41439

	SHAPE	MATERIAL	HARDNESS	DIMENSIONS	HOLE	PCS	CODE
	Lenticular	Felt	Soft	100 x 8	Ø 6	1	41441

 Mandrino consigliato cod. 54007 della sezione 5.2








PRODUCT DESCRIPTION	SHAPE	MATERIAL	HARDNESS	DIMENSIONS	SHANK	PCS	CODE
Assortment of hard felt bobs including one piece of each of the following codes: 41401, 41402, 41403, 41404, 41405, 41406, 41407, 41408, 41409, 41410.	Lenticular	Felt	Soft	Various	Ø 6	10	41411

All dimensions are in millimeters (mm)

FELT BOBS

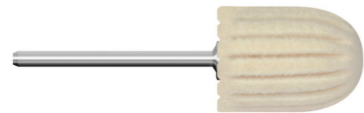
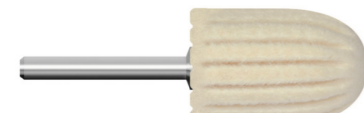

MOUNTED FELT FLAP BOBS

Mounted felt flap bobs are made of high-quality merino wool and feature a lamella structure that effectively retains the diamond paste or silicon carbide. Thanks to their cylindrical shape and flat or domed head, these flap bobs are ideal for lapping or polishing cavities, holes, or surfaces of shaped dies, easily adapting to the shape of the workpiece.

	SHAPE	MATERIAL	HARDNESS	DIMENSIONS	SHANK	PCS	CODE
	Cylindrical	Felt flap	Soft	10 x 20	Ø 3	10	41424/3/10
	Cylindrical	Felt flap	Soft	15 x 25	Ø 3	10	41424/3/15
	Cylindrical	Felt flap	Soft	20 x 30	Ø 3	10	41424/3/20
	Cylindrical	Felt flap	Soft	10 x 15	Ø 6	10	41424/6/10
	Cylindrical	Felt flap	Soft	15 x 20	Ø 6	10	41424/6/15
	Cylindrical	Felt flap	Soft	20 x 25	Ø 6	10	41424/6/20
	Cylindrical	Felt flap	Soft	25 x 35	Ø 6	10	41424/6/25

All dimensions are in millimeters (mm)

FELT BOBS




	SHAPE	MATERIAL	HARDNESS	DIMENSIONS	SHANK	PCS	CODE
	Domed cylinder	Felt flap	Soft	20 x 30	Ø 3	10	41425/3/20
	Domed cylinder	Felt flap	Soft	25 x 40	Ø 6	10	41425/6/25
	Domed cylinder	Felt flap	Soft	30 x 40	Ø 6	10	41425/6/30

Tutte le DIMENSIONS sono espresse in

FELT BOBS

UNMOUNTED FELT BOBS

Unmounted felt bobs are made of high-quality merino wool and are available in two different hardnesses: soft and hard. They are ideal for use with diamond pastes to obtain a specular finish on molds, dies, etc. It is recommended to use them at a rotation speed between 5-10 m/s and the dimensions may vary up to $\pm 5\%$.

	SHAPE	MATERIAL	HARDNESS	DIMENSIONS	FORO	PCS	CODE
				40 x 50	Ø 6	1	41415
	Cylindrical	Felt	Soft	50 x 60	Ø 6	1	41417
				70 x 60	Ø 6	1	41418

 For specific mandrels, see [section 5.1](#)

All dimensions are in millimeters (mm)

FELT AND FIBER LAPPING DISCS ON HOLDERS

Felt and fiber discs for discs on holders are made with merino wool or high-quality synthetic fiber. They are ideal for use with diamond pastes to obtain a specular finish on molds for plastic, dies, etc. The supports are available in soft or hard rubber.

MATERIAL	DIMENSIONS	SHANK	FEATURES	PCS	CODE
Soft felt	12 x 3	Ø 3	Soft elastic support	10	41502
			Hard elastic support	10	41502H
	20 x 3	Ø 3	Soft elastic support	10	41512
			Hard elastic support	10	41512H
	32 x 3	Ø 3	Soft elastic support	10	41522
			Hard elastic support	10	41522H
	48 x 3	Ø 6	Soft elastic support	5	41532
			Hard elastic support	5	41532H



All dimensions are in millimeters (mm)

FELT AND FIBER LAPPING DISCS ON HOLDERS

MATERIAL	DIMENSIONS	SHANK	FEATURES	PCS	CODE
Synthetic fiber	12 x 1	Ø 3	Soft elastic support	10	41501
			Hard elastic support	10	41501H
	20 x 1	Ø 3	Soft elastic support	10	41511
			Hard elastic support	10	41511H
	32 x 1	Ø 3	Soft elastic support	10	41521
			Hard elastic support	10	41521H
	48 x 1	Ø 6	Soft elastic support	5	41531
			Hard elastic support	5	41531H



All dimensions are in millimeters (mm)

