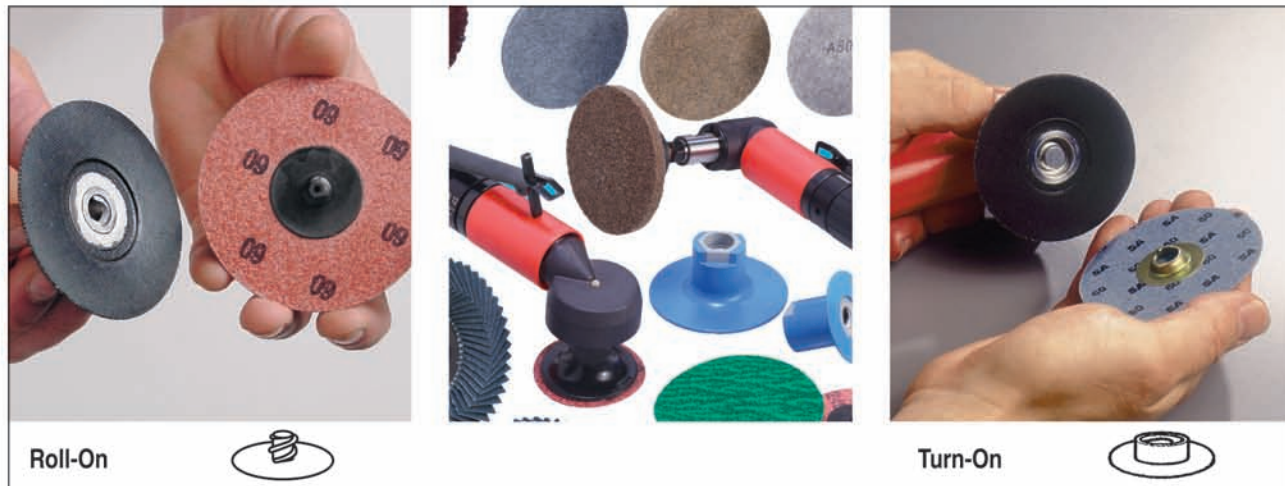


SUN-fix

The first complete Grinding System



The **SUN-fix** Grinding Program with Quick-change System from **SUHNER** Offers the following advantages:

- Highest safety and service life of disc through direct mounting to pad holder.
- The right abrasive for the continuous sequence from material removal to mirror finish.
- The right power tool with the right speed selection from Electric, Air and/or Flexible shaft Grinders/Polishers.

SUN-fix A/O (Grinding discs)

- **A/O** for Steel, stainless steel, hastalloy, titanium, cast iron. Due to the integrated cooling agent, there is no discoloring or overheating of the work piece. The life of the disc increases and the grinding performance improves (up to 25%).

Type	inch	Grit	Roll-On		Turn-On		MOS rpm	
			Type	Order Nr.	Type	Order Nr.		
	3/4	—	SB R 19 A/O	—	SB 19 A/O	—	20 000	100
		—		—		—		
		—		—		—		
		—		—		—		
	1	36	SB R 1 A/O	98720212	SB 1 A/O	98720211	20 000	100
		60		98720512		98720511		
		80		98720612		98720611		
		120		98720812		98720811		
	2	36	SB R 2 A/O	98740212	SB 2 A/O	98740211	20 000	100
		60		98740512		98740511		
		80		98740612		98740611		
		120		98740812		98740811		
	3	36	SB R 3 A/O	98750212	SB 3 A/O	98750211	12 000	100
		60		98750512		98750511		
		80		98750612		98750611		
		120		98750812		98750811		

SUN-fix Zirconium (Grinding discs)

- **SC** these silicon carbide abrasive discs are especially suitable for aluminum, titanium, non-ferrous metals and natural stones.

Type	inch	Grit	Roll-On		Turn-On		MOS rpm	
			Type	Order Nr.	Type	Order Nr.		
	2	36	SB R 2 Zirc	98740222	SB 2 Zirc	98740221	20 000	100
		60		98740522		98740521		
		80		98740622		98740621		
		120		98740822		98740821		
		180		not available		—		
		240		not available		—		
		320		not available		—		
	3	36	SB R 3 Zirc	98750222	SB 3 Zirc	98750221	12 000	100
		60		98750522		98750521		
		80		98750622		98750621		
		120		98750822		98750821		
		180		—		—		
		240		—		—		
		320		—		—		

SUN-fix Zirc with integrated grinding aid

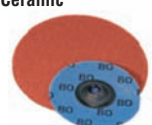
- **ZIRC** especially suitable for stainless steel, due the integrated lubricating agent, which results in an optimal surface finish without becoming discolored.

Type	inch	Grit	Roll-On		Turn-On		MOS rpm	
			Type	Order Nr.	Type	Order Nr.		
	2	36	SB R 2 ZA/GA	987 403 29	SB 2 ZA/GA	987 403 11	20 000	100
		60		987 403 32		987 403 14		
		80		987 403 33		987 403 15		
	3	36	SB R 3 ZA/GA	987 503 35	SB 3 ZA/GA	987 503 17	12 000	50
		60		987 503 38		987 503 20		
		80		987 503 39		987 503 21		

New Badger Discs – A new generation of grinding material. This is a special combination of minerals and grinding agents to give the user the best cutting abrasive on the market combined with the longest lasting material to be introduced in years.

Type	inch	Grit	Roll-On		Turn-On		MOS rpm	
			Type	Order Nr.	Type	Order Nr.		
	2	36	SB R 2	987 402 62	SB 2	987 402 61	20 000	100
		60		987 405 62		987 405 61		
		80		987 406 62		987 406 61		
	3	36	SB R 3	987 502 62	SB 3	987 502 61	12 000	100
		60		987 505 62		987 505 61		
		80		987 506 62		987 506 61		

Ceramic Discs – A combination of ceramic and aluminum oxide abrasives make this product especially suitable for stainless steel and other metals higher in chromium.

Type	inch	Grit	Roll-On		Turn-On		MOS rpm	
			Type	Order Nr.	Type	Order Nr.		
	2	36	SB R 2	987 402 52	SB 2 ZA/GA	987 402 51	20 000	100
		60		987 405 52		987 405 51		
		80		987 406 52		987 406 51		
	3	36	SB R 3	987 502 52	SB 3 ZA/GA	987 502 51	12 000	100
		60		987 505 52		987 505 51		
		80		987 506 52		987 506 51		

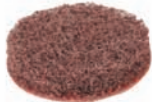
SUN-fix FVVS (Reinforced surface conditioning disc)

- **FVVS** The reinforced backing imbedded in the nylon structure of the disc provides additional strength and durability for edge work.
To remove pre-ground scratches and to remove rust or discoloration. Results in clean and smooth surface for all operations above grit 80/120.

Type	inch	Grit	Roll-On		Turn-On		MOS rpm	
			Type	Order Nr.	Type	Order Nr.		
	-	-	-	-	-	-	-	-
		-		-		-		
		-		-		-		
	1 1/2	C (coarse)	FVVS R 1 1/2	985 0132	FVVS 1 1/2	985 0131	20 000	100
		M (medium)		985 0122		985 0121		
		VF (very fine)		985 0112		985 0111		
	2	C (coarse)	FVVS R 2	985 0232	FVVS 2	985 0231	20 000	100
		M (medium)		985 022		985 021		
		VF (very fine)		985 0212		985 0211		
	3	C (coarse)	FVVS R 3	985 0332	FVVS 3	985 0331	12 000	100
		M (medium)		985 0322		985 0321		
		VF (very fine)		985 0312		985 0311		

SUN-fix FVBS (Open web surface conditioning discs)

- **FVBS** Non-woven nylon conditioning disc for a fast and effective removal of light oxidation for preparation for parts to be coated and for mirror finishing.

Type	inch	Grit	Roll-On		Turn-On		MOS rpm	
			Type	Order Nr.	Type	Order Nr.		
	-	-	-	-	-	-	-	-
		-		-		-		
		-		-		-		
	2	C (course)	FVBS R 50	98538213	FVBS 50	98510511	20 000	50
		M (medium)		98540170		98510512		
		VF (very fine)		98538214		90510514		
	3	C (course)	FVBS R 75	98540508	FVBS 75	98510515	12 000	50
		M (medium)		98539911		98510516		
		VF (very fine)		98539931		98510518		

SUN-fix FVOS (Cleaning discs)

- FVOS for removal of corrosion, discoloration, cleaning of weld seams and surfaces without removing material, stripping paint

Type	Ø	Grit	Roll-On		Turn-On		MOS rpm	
			Type	Order Nr.	Type	Order Nr.		
	2		FVOS R 2		FVOS 2		20000	50
		—		98534364				

SUN-fix BVSB (Cotton laminated discs)

- BVSB Grinding and finishing in one process. Cool grinding without clogging on aluminum. Used for steel, stainless steel, cast iron, titanium, non-ferrous metals, and aluminum.

Type	inch	Grit	Roll-On		Turn-On		MOS rpm	
			Type	Order Nr.	Type	Order Nr.		
	50	A 36	BVSB R 2	990 3222	—	—	30 000	25
		A 54		990 3322		—		
		A 120		990 3422		—		
	75	A 36	BVSB R 3	990 4222	—	—	20 000	25
		A 54		990 4322		—		
		A 120		990 4522		—		

SUN-Press HVFS (unitized discs)

- SUN-Press HVFS Easy stock removal and perfect shine. For deburring, cleaning, levelling and pre-polishing (depending on hardness). Can be used on Inox, titanium, aluminum. See also p. 10.

Type	inch	Hardness	Grit	Roll-On		Turn-On		MOS rpm	
				Type	Order Nr.	Type	Order Nr.		
	3			SUN-Press R 3 HVFS		—	—	12 000	40
		6A Med			973 171 91		—		
		2A Med			973 171 86		—		
		2S Fin			973 171 84		—		

SUN-fix FSB (felt polishing discs)

- FSB Optimum buffing of smaller surfaces.

Type	inch	Roll-On		Turn-On		MOS rpm	
		Type	Order Nr.	Type	Order Nr.		
	2	FSB 2 R	9850072	—	—	20 000	10
	3	FSB 3 R	9850342	—	—	12 000	10

SUN-fix SBH (Pad holders)

- SBH with removable 6 mm and 1/4" shank or M14 female thread for angle grinders.

Type	inch	Hardness	Roll-On		Turn-On		MOS rpm	
			Type	Order Nr.	Type	Order Nr.		
		—	SBH R	—	SBH	900 976	20 000	1
				—		—		
	1 1/2	medium		988 1002		988 1001		
	2	medium		988 2002		988 2001		
	3	medium		988 3002		988 3001	12 000	
				—		—		
	2	medium	SBH R M14	upon request	SBH M14	upon request	20 000	1
	3	medium		upon request		upon request	12 000	

Abrasive	Recommended drive units					
	Electric Grinders		Page	Air Grinders		Page
SUN-fix Ø 1				LWB 20	21	MINIFIX 25-R, ROTOFIX 24-27
SUN-fix Ø 1 1/2				LWB 20	21	MINIFIX 25-R, ROTOFIX 24-27
SUN-fix Ø 2				LWB 20, LPB 12	21	MINIFIX 25-R, ROTOFIX 24-27
SUN-fix Ø 3	UWG 10-R	18		LPB 12, LWC 16	21-22	MINIFIX 25-R, ROTOFIX 24-27