

## TECHNICAL INFORMATION AND PRODUCT INFORMATION

**Abrasive rolls and mandrels from LUKAS****SRZY CYLINDRICAL ABRASIVE ROLLS AND SRKE CONICAL ABRASIVE ROLLS**

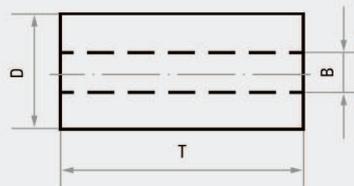
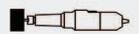
These abrasive rolls consist of wound abrasive cloth. Their design ensures that new abrasive grain is repeatedly exposed during the grinding process as the outer diameter wears down. Please pay attention to the rotational direction during use and mount the abrasive roll so that the bonded side points towards the mandrel.

**Application examples:**

- Deburring
- Cleaning
- Fettling

**SRTR ABRASIVE ROLL MANDREL**

Reusable tool carrier for secure mounting of the cylindrical and conical abrasive rolls.

**SRZY Ceramic abrasive roll, cylindrical**

- continuous grinding of small workpieces
- abrasive roll with ceramic grain for an exceptional tool life
- Hardened surfaces, wear-resistant steels, scale and hard coatings, titanium alloys and reinforced weld seams can be machined quickly.
- for deburring, cleaning or fettling of small workpieces
- enormous amount of abrasive coating due to the large, cylindrically wound working surface
- ▶ The matching tool carriers can be found on **page 208**.

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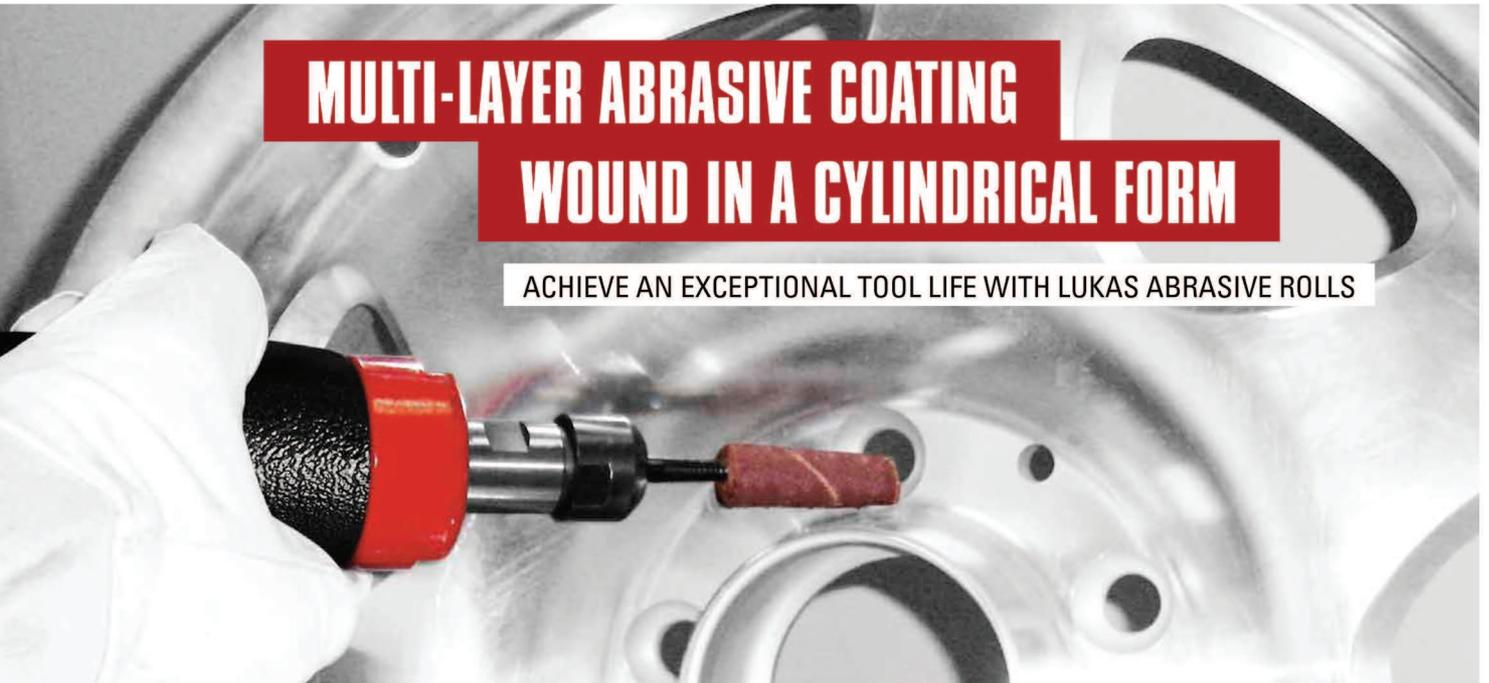
Product number	Description	Grit	D mm	T mm	B mm	$n_{max}$ rpm	Matching abrasive roll mandrels	Pack contains
A2403006380600001	SRZY 0638	Ceramic 60	6	38	3	24,000	SRTR 3063.03 or SRTR 3063.06	50
A2403006380800001	SRZY 0638	Ceramic 80	6	38	3	24,000	SRTR 3063.03 or SRTR 3063.06	50
A2403006381200001	SRZY 0638	Ceramic 120	6	38	3	24,000	SRTR 3063.03 or SRTR 3063.06	50
A2403010380600001	SRZY 1038	Ceramic 60	10	38	3	24,000	SRTR 3070.06	50
A2403010380800001	SRZY 1038	Ceramic 80	10	38	3	24,000	SRTR 3070.06	50
A2403010381200001	SRZY 1038	Ceramic 120	10	38	3	24,000	SRTR 3070.06	50
A2403013380600001	SRZY 1338	Ceramic 60	13	38	3	24,000	SRTR 3070.06	50
A2403013380800001	SRZY 1338	Ceramic 80	13	38	3	24,000	SRTR 3070.06	50
A2403013381200001	SRZY 1338	Ceramic 120	13	38	3	24,000	SRTR 3070.06	50

Recommended for: ● Inox/Steel ● Steel ● Cast material ● Titanium

# MULTI-LAYER ABRASIVE COATING

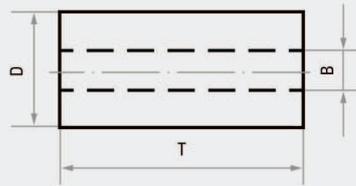
# WOUND IN A CYLINDRICAL FORM

ACHIEVE AN EXCEPTIONAL TOOL LIFE WITH LUKAS ABRASIVE ROLLS



## SRZY regular aluminium oxide abrasive roll, cylindrical

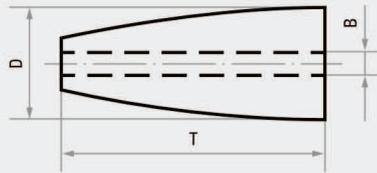
- for deburring, cleaning or fettling of small workpieces
- Regular aluminium oxide has good tool life when used on structural steel, when rough grinding, and ensures cost-effective machining.
- enormous amount of abrasive coating due to the large, cylindrically wound working surface
- ▶ The matching tool carriers can be found on **page 208**.



Product number	Description	Grit	D mm	T mm	B mm	$n_{max}$ rpm	Matching abrasive roll mandrels	Pack contains
A240300625080	SRZY 0625	NK 80	6	25	3	24,000	SRTR 3063.03 or SRTR 3063.06	50
A240300625150	SRZY 0625	NK 150	6	25	3	24,000	SRTR 3063.03 or SRTR 3063.06	50
A240300638080	SRZY 0638	NK 80	6	38	3	24,000	SRTR 3063.03 or SRTR 3063.06	50
A240300638150	SRZY 0638	NK 150	6	38	3	24,000	SRTR 3063.03 or SRTR 3063.06	50
A240301025050	SRZY 1025	NK 50	10	25	3	24,000	SRTR 3063.03 or SRTR 3063.06	50
A240301025080	SRZY 1025	NK 80	10	25	3	24,000	SRTR 3063.03 or SRTR 3063.06	50
A240301025150	SRZY 1025	NK 150	10	25	3	24,000	SRTR 3063.03 or SRTR 3063.06	50
A240301038050	SRZY 1038	NK 50	10	38	3	24,000	SRTR 3070.06	50
A240301038080	SRZY 1038	NK 80	10	38	3	24,000	SRTR 3070.06	50
A240301038150	SRZY 1038	NK 150	10	38	3	24,000	SRTR 3070.06	50
A240301325050	SRZY 1325	NK 50	13	25	3	24,000	SRTR 3063.06	50
A240301325080	SRZY 1325	NK 80	13	25	3	24,000	SRTR 3063.06	50
A240301325150	SRZY 1325	NK 150	13	25	3	24,000	SRTR 3063.06	50
A240301338050	SRZY 1338	NK 50	13	38	3	24,000	SRTR 3070.06	50
A240301338080	SRZY 1338	NK 80	13	38	3	24,000	SRTR 3070.06	50
A240301338150	SRZY 1338	NK 150	13	38	3	24,000	SRTR 3070.06	50
A240302038050	SRZY 2038	NK 50	20	38	5	16,000	SRTR 5085.06	50
A240302038080	SRZY 2038	NK 80	20	38	5	16,000	SRTR 5085.06	50
A240302038150	SRZY 2038	NK 150	20	38	5	16,000	SRTR 5085.06	50
A240302050050	SRZY 2050	NK 50	20	50	5	16,000	SRTR 5085.06	50
A240302050080	SRZY 2050	NK 80	20	50	5	16,000	SRTR 5085.06	50

Recommended for: ● Steel ● Cast material ● Plastic/Wood ● Inox/Steel ● Aluminium ● Titanium

## SRKE regular aluminium oxide abrasive roll, conical



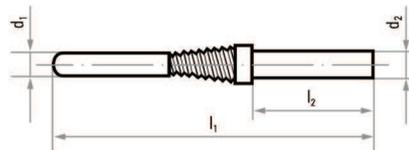
- for deburring, cleaning or fettling of small workpieces
- tapered for grinding hard-to-reach areas
- Regular aluminium oxide has good tool life when used on structural steel, when rough grinding, and ensures cost-effective machining.
- enormous amount of abrasive coating due to the large, cylindrically wound working surface
- ▶ The matching tool carriers can be found at the bottom of this page.

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Product number	Description	Grit	D mm	T mm	B mm	$n_{max}$ rpm	Matching abrasive roll mandrels	Pack contains
A240401025050	SRKE 1025	NK 50	10	25	3	24,000	SRTR 3063.03 or SRTR 3063.06	50
A240401025080	SRKE 1025	NK 80	10	25	3	24,000	SRTR 3063.03 or SRTR 3063.06	50
A240401025150	SRKE 1025	NK 150	10	25	3	24,000	SRTR 3063.03 or SRTR 3063.06	50
A240401325050	SRKE 1325	NK 50	13	25	3	24,000	SRTR 3063.06	50
A240401325080	SRKE 1325	NK 80	13	25	3	24,000	SRTR 3063.06	50
A240401325150	SRKE 1325	NK 150	13	25	3	24,000	SRTR 3063.06	50
A240401338050	SRKE 1338	NK 50	13	38	3	24,000	SRTR 3070.06	50
A240401338080	SRKE 1338	NK 80	13	38	3	24,000	SRTR 3070.06	50
A240401338150	SRKE 1338	NK 150	13	38	3	24,000	SRTR 3070.06	50
A240401638050	SRKE 1638	NK 50	16	38	3	16,000	SRTR 3070.06	50
A240401638080	SRKE 1638	NK 80	16	38	3	16,000	SRTR 3070.06	50
A240401638150	SRKE 1638	NK 150	16	38	3	16,000	SRTR 3070.06	50
A240402050036	SRKE 2050	NK 36	20	50	5	16,000	SRTR 5085.06	50
A240402050050	SRKE 2050	NK 50	20	50	5	16,000	SRTR 5085.06	50
A240402050080	SRKE 2050	NK 80	20	50	5	16,000	SRTR 5085.06	50
A240402050150	SRKE 2050	NK 150	20	50	5	16,000	SRTR 5085.06	50

Recommended for: ● Steel ● Cast material ● Plastic/Wood ● Inox/Steel ● Aluminium ● Titanium

## SRTR abrasive roll mandrel



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Product number	Description	Type	$d_1$ mm	$l_1$ mm	$d_2$ mm	$l_2$ mm	Pack contains
A32030130001	SRTR 3063.03	Inox	3	64	3	27	5
A32030160001	SRTR 3063.06	Inox	3	64	6	27	1
A32030260001	SRTR 3070.06	Inox	3	70	6	25	1
A32030460001	SRTR 5085.06	Inox	5	85	6	35	5