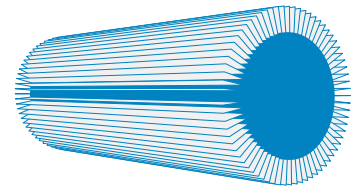
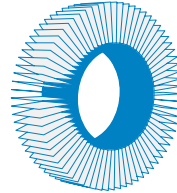




Technical Data Sheet

Product group

Super Soft Brushes Mechanical Applications



Description

These deburring tools consist of abrasive cloth, which is anchored in a star shape to a support tube. These highly flexible and variable brushes are particularly suitable for removing punching and laser burrs as well as burrs caused by plasma or flame cutting. The star shaped arranged **slotted abrasive cloth** ensures optimum adaptation of the tool to the workpiece. By using different qualities of abrasive cloth it is possible to adapt the tools optimally to the customer's requirements.

Hardness (relative hardness)

extra soft	soft *	medium	hard *	harder	very hard	extra hard
-	3	-	5	-	-	-

* Standard hardnesses

Grit Size

All grit sizes available on request.

Features

- Star-shaped arranged FALCONBRITE
- Various hardnesses
- Various degrees of grit size and various grain types
- No additional impregnation
- No clogging of the tool surface
- Flexibility adjustable
- Profileable
- Balanced
- Reproducible surfaces

Applications

- Removal of burr for plasma cutting
- Removal of burr for laser cutting
- Removal of punching and firing burrs with defined edge rounding



Standard Dimensions in Millimetres

Outside Ø in mm	Width in mm	Inside Ø in mm
200	10 - 2100	Various inner diameters available on request.
250	10 - 2100	
300	10 - 2100	
350	10 - 2100	
400	10 - 2600	

Standard Dimensions in Inches

Outside Ø in inches	Width in inches	Inside Ø in inches
8	4 - 82	Various inner diameters available on request.
10	4 - 82	
12	4 - 82	
13,75	4 - 82	
15,75	4 - 100	

Cutting Speeds

Recommended cutting speeds V_c in m/s depending on rotational speed V_u .

V_u r.p.m.	Outside Ø in mm									
	100	125	150	200	250	300	350	400	450	500
700	4	5	5	8	9	11	13	15	17	18
850	4	6	6	9	11	13	15	18	20	22
950	5	6	7	10	12	14	16	19	22	25
1200	6	8	10	12	16	19	22	25	28	31
1400	7	9	11	15	18	22	26	29	33	37
1600	8	11	13	17	21	25	29	33	36	42
1800	9	12	14	19	24	28	33	37	42	47
2000	10	13	15	21	26	31	37	42	47	52
2200	12	14	17	23	29	34	40	46	52	58
2400	13	15	19	25	31	37	43	50	56	63
2600	14	17	20	27	34	40	47	54	61	68
2800	15	18	22	29	37	44	51	58	65	73
3000	16	20	24	31	40	47	55	63	70	78
3200	17	21	25	33	42	50	58	67	75	84

Please **do not exceed** the maximum cutting speed on the products **under any circumstances!**

Safety Instructions



Please wear suitable hearing protection!



Please wear suitable eye protection!



Please wear suitable gloves!



Please wear a suitable dust mask!

When using our products mechanically, please follow the technical instructions of the machine manufacturer!