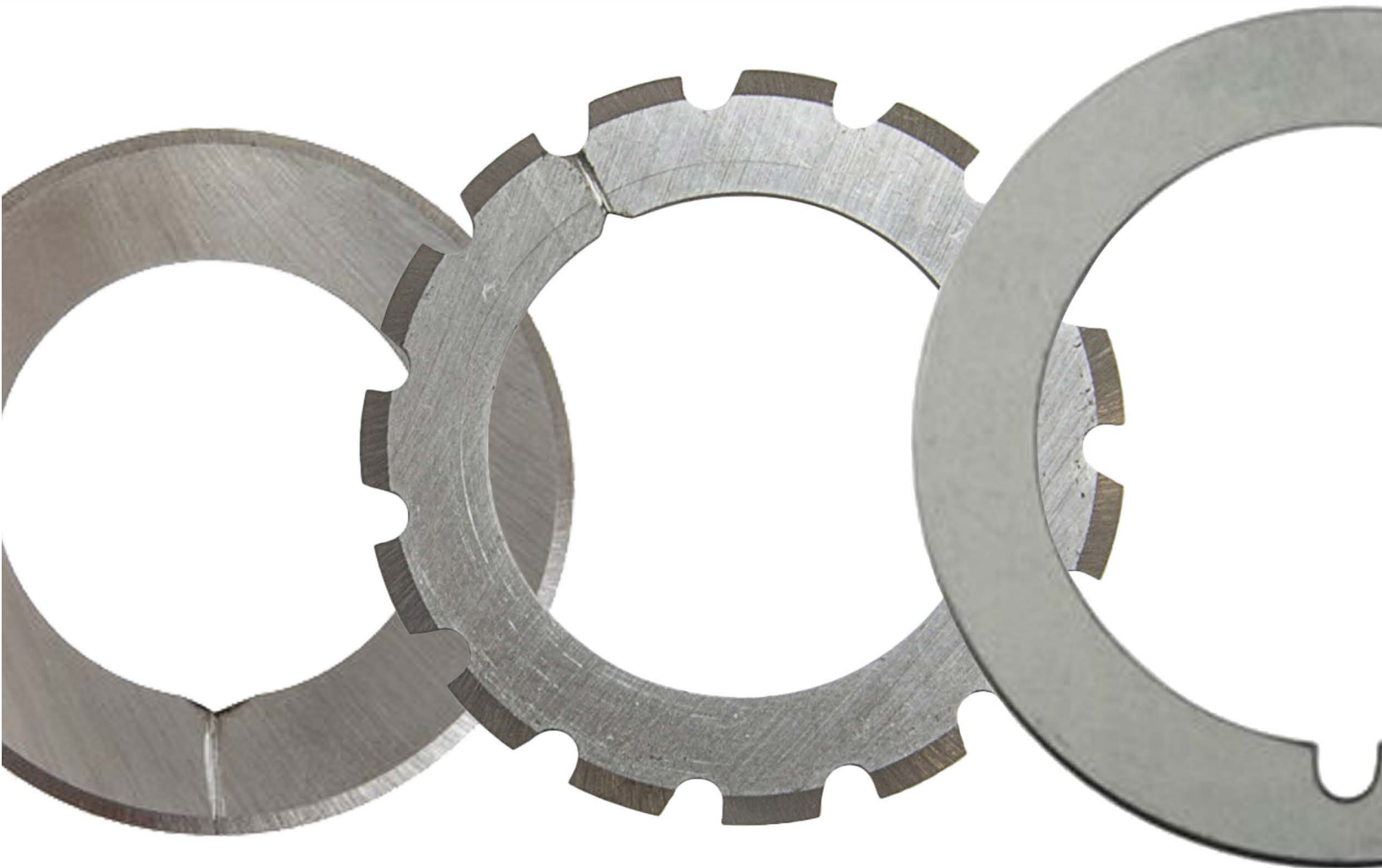




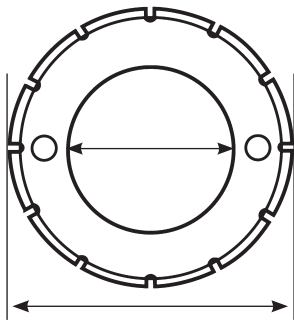
STAHL

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Tips on Choosing Correct Blades

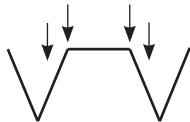


ID: Inner Diameter
OD: Outer Diameter
#Teeth: Number of teeth on periphery
TPI: Number of teeth per inch
Thick: Thickness of periphery

This guide is organized first by shaft size (smallest to largest), then by number of teeth (fewest to most - except micro perfs).

All images in this guide are actual size for comparison.

“V” Shaped Tooth



- Maximizes the distance between each tooth in perfs with a low number of teeth such as 6, 8, 12 or 18
- Increases the strength of the teeth in perfs with a high number of teeth such as 60, 72, 80 or more
- Lower number of teeth (12-18) are better for backbone on perfect bound books - signatures won't tear

If shaft is adjustable, a slightly wider perf cut can be made.

Crimping Perf

- Holds sheets together temporarily
- Used for processing zig-zag folded sheets on a gather - stitcher and envelopes on a perfect binder

Knockout (punch) Perf

- Use when printed product needs perforation in the spine for adhesive binding or air relief

Reverse Tooth

Standard



Reverse

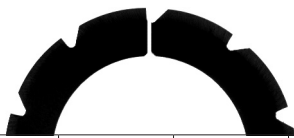


- Assumes blades are placed on upper slitter shaft
- Holds folds together on 16 page books

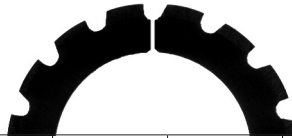
Round Tooth



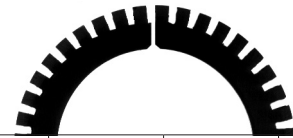
- Good for perfering multiple sheets at a time



ID	OD	# of Teeth	Thick
26mm	39mm	10	0.5mm
Stahl #	200-750-06-00		
Update #	SP200		
Type	Split		
Shaft Size	20mm		



ID	OD	# of Teeth	Thick
26mm	39mm	15	0.5mm
Stahl #	200-750-05-00		
Update #	SP300		
Type	Split		
Shaft Size	20mm		



ID	OD	# of Teeth	Thick
26mm	37.5mm	40	0.5mm
Stahl #	217-636-01-00		
Update #	SP240		
Type	Split		
Shaft Size	20mm		



ID	OD	# of Teeth	Thick
26mm	42mm	58	0.5mm
Stahl #	NA		
Update #	SP829		
Type	Split		
Shaft Size	20mm		



ID	OD	# of Teeth	Thick
26mm	37.5mm	60	0.5mm
Stahl #	217-636-02-00		
Update #	SP400		
Type	Split		
Shaft Size	20mm		



ID	OD	# of Teeth	Thick
30mm	44.5mm	8	0.5mm
Stahl #	200-771-02-00		
Update #	SP209		
Type	Split		
Shaft Size	25mm		



ID	OD	# of Teeth	Thick
30mm	48mm	9	0.5mm
Stahl #	200-761-01-00		
Update #	SP092		
Type	Split/Round		
Shaft Size	25mm		



ID	OD	# of Teeth	Thick
30mm	48mm	10	0.5mm
Stahl #	200-750-02-00		
Update #	SP900		
Type	25mm		
Shaft Size	25mm		



ID	OD	# of Teeth	Thick
30mm	48mm	10	0.5mm
Stahl #	200-766-01-00		
Update #	SP190		
Type	Split/Round		
Shaft Size	25mm		



ID	OD	# of Teeth	Thick
30mm	50.5mm	10	1.2mm
Stahl #	213-038-01-00		
Update #	KP318		
Type	Knockout		
Shaft Size	25mm		



ID	OD	# of Teeth	Thick
30mm	48mm	12	0.5mm
Stahl #	205-485-01-00		
Update #	SP729		
Type	Split		
Shaft Size	25mm		



ID	OD	# of Teeth	Thick
30mm	48mm	12	0.5mm
Stahl #	200-759-05-00		
Update #	SP438		
Type	Split		
Shaft Size	25mm		



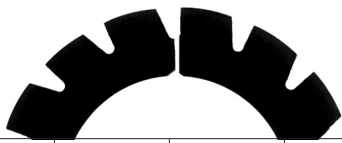
ID	OD	# of Teeth	Thick
30mm	45.5mm	15	0.5mm
Stahl #	200-750-03-00		
Update #	SP930		
Type	Split		
Shaft Size	25mm		



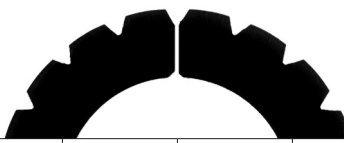
ID	OD	# of Teeth	Thick
30mm	48mm	15	0.5mm
Stahl #	205-908-02-00		
Update #	SP920		
Type	Split		
Shaft Size	25mm		



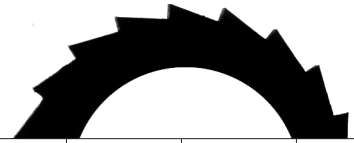
ID	OD	# of Teeth	Thick
30mm	48mm	15	0.5mm
Stahl #	200-766-03-00		
Update #	SP920spec		
Type	Split/Round		
Shaft Size	25mm		



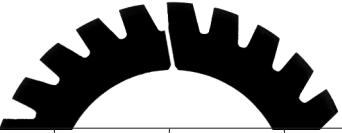
ID	OD	# of Teeth	Thick
30mm	48mm	15	0.5mm
Stahl #	NA		
Update #	SP828		
Type	Split/Reverse		
Shaft Size	25mm		



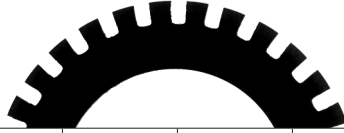
ID	OD	# of Teeth	Thick
30mm	48mm	18	0.5mm
Stahl #	200-759-03-00		
Update #	SP955		
Type	Split		
Shaft Size	25mm		



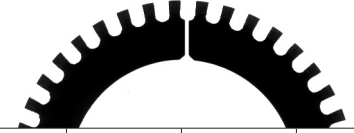
ID	OD	# of Teeth	Thick
30mm	47mm	20	2mm
Stahl #	213-201-01-00		
Update #	SP388		
Type	Crimp		
Shaft Size	25mm		



ID	OD	# of Teeth	Thick
30mm	48mm	24	0.5mm
Stahl #	205-990-01-00		
Update #	SP987		
Type	Split		
Shaft Size	25mm		



ID	OD	# of Teeth	Thick
30mm	48mm	30	0.5mm
Stahl #	200-758-02-00		
Update #	SP925		
Type	Split		
Shaft Size	25mm		



ID	OD	# of Teeth	Thick
30mm	45.5mm	40	0.5mm
Stahl #	200-758-03-00		
Update #	SP910		
Type	Split		
Shaft Size	25mm		



ID	OD	# of Teeth	Thick
30mm	48mm	40	0.5mm
Stahl #	200-758-04-00		
Update #	SP921		
Type	Split		
Shaft Size	25mm		



ID	OD	# of Teeth	Thick
30mm	45.5mm	50	0.5mm
Stahl #	NA		
Update #	SP568		
Type	Split		
Shaft Size	25mm		



ID	OD	# of Teeth	Thick
30mm	45.5mm	60	0.5mm
Stahl #	200-758-05-00		
Update #	SP990		
Type	Split		
Shaft Size	25mm		



ID	OD	# of Teeth	Thick
30mm	48mm	60	0.5mm
Stahl #	200-758-06-00		
Update #	SP911		
Type	Split		
Shaft Size	25mm		



ID	OD	# of Teeth	Thick
30mm	45.5mm	72V	0.5mm
Stahl #	NA		
Update #	SP128		
Type	Split		
Shaft Size	25mm		



ID	OD	# of Teeth	Thick
30mm	48mm	72	0.5mm
Stahl #	200-759-06-00		
Update #	SP222		
Type	Split		
Shaft Size	25mm		



ID	OD	# of Teeth	Thick
40mm	62mm	5	0.5mm
Stahl #	200-769-02-00		
Update #	SP908		
Type	Split/Round		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	6	0.5mm
Stahl #	200-756-07-00		
Update #	MS290		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	6V	0.5mm
Stahl #	NA		
Update #	SP720		
Type	Split		
Shaft Size	35mm		



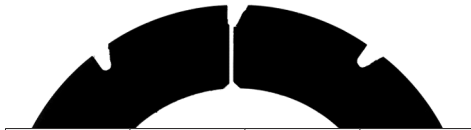
ID	OD	# of Teeth	Thick
40mm	61.5mm	8	0.5mm
Stahl #	NA		
Update #	SP538		
Type	Split/Slant		
Shaft Size	35mm		



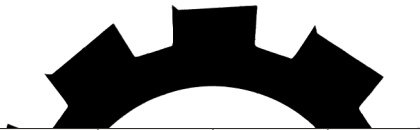
ID	OD	# of Teeth	Thick
40mm	61.5mm	8	0.5mm
Stahl #	NA		
Update #	SP228		
Type	Split/Round		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	8	0.5mm
Stahl #	200-756-08-00		
Update #	MS291		
Type	Split		
Shaft Size	35		



ID	OD	# of Teeth	Thick
40mm	62mm	10	0.5mm
Stahl #	NA		
Update #	SP502		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	10	0.5mm
Stahl #	60-210-260		
Update #	KP378		
Type	Split/Knockout		
Shaft Size	35mm		



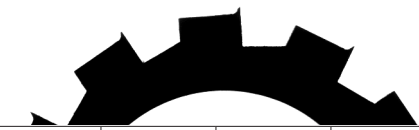
ID	OD	# of Teeth	Thick
40mm	62mm	12	0.5mm
Stahl #	200-749-01-00		
Update #	MS292		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	12	0.5mm
Stahl #	NA		
Update #	MS292SPEC		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	12	0.5mm
Stahl #	SP808		
Update #	SP808		
Type	Split/Reverse		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	12	1.2mm
Stahl #	60-210-280		
Update #	KP718		
Type	Split/Knockout		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	12	0.5mm
Stahl #	NA		
Update #	MS296		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	64mm	12	0.9mm
Stahl #	213-027-01-00		
Update #	KP418		
Type	Split/Knockout		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	64mm	12	1.2mm
Stahl #	NA		
Update #	KP997		
Type	Split/Knockout		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	12	0.5mm
Stahl #	213-028-01-00		
Update #	KP518		
Type	Knockout		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	12	0.5mm
Stahl #	226-350-01-00		
Update #	SP650		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	15	0.5mm
Stahl #	200-756-09-00		
Update #	SP289		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	15	0.5mm
Stahl #	200-769-01-00		
Update #	SP802 - Round		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	16	0.5mm
Stahl #	NA		
Update #	SP600		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	16	0.5mm
Stahl #	NA		
Update #	SP188		
Type	Split/Reverse		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	60mm	18	0.5mm
Stahl #	NA		
Update #	SP488		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	18	0.5mm
Stahl #	200-749-02-00		
Update #	MS293		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	18	0.5mm
Stahl #	200-765-01-00		
Update #	SP640		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	18	1mm
Stahl #	205-978-02-00		
Update #	SP590		
Type	Split/Reverse		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	64mm	18	0.5mm
Stahl #	NA		
Update #	MS297		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	18V	0.5mm
Stahl #	226-350-02-00		
Update #	SP928		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	18V	0.5mm
Stahl #	NA		
Update #	SP288		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	24	2mm
Stahl #	273-918-01-00		
Update #	CP924		
Type	Crimping		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	60mm	28	0.5mm
Stahl #	NA		
Update #	SP588		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	61.5mm	28	0.5mm
Stahl #	210-621-01-00		
Update #	MN820		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	30	0.5mm
Stahl #	NA		
Update #	MS294		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	30	0.5mm
Stahl #	NA		
Update #	SP060		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	30V	0.5mm
Stahl #	200-756-01-00		
Update #	SP321		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	32V	0.5mm
Stahl #	200-756-02-00		
Update #	SP392		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	60mm	36	0.5mm
Stahl #	200-756-12-00		
Update #	SP458		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	40	0.5mm
Stahl #	200-749-03-00		
Update #	SP468		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	61.5mm	45	0.5mm
Stahl #	200-756-04-00		
Update #	SP408		
Type	Split		
Shaft Size	35mm		



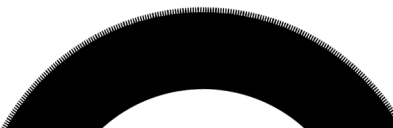
ID	OD	# of Teeth	Thick
40mm	60mm	48	0.5mm
Stahl #	NA		
Update #	SP333		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	60mm	60	0.5mm
Stahl #	200-754-06-00		
Update #	SP111		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	60mm	60V	0.5mm
Stahl #	200-754-05-00		
Update #	MS295		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	72TPI	1.0mm
Stahl #	NA		
Update #	SP738		
Type	Micro		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	60mm	80	0.5mm
Stahl #	200-754-04-00		
Update #	SP999		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	80	0.5mm
Stahl #	NA		
Update #	SP560		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	59mm	80V	0.5mm
Stahl #	200-754-03-00		
Update #	SP888		
Type	Split		
Shaft Size	35mm		



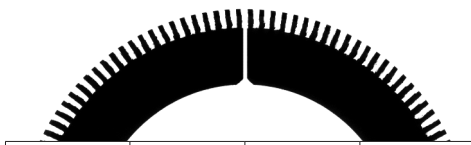
ID	OD	# of Teeth	Thick
40mm	60mm	80	0.5mm
Stahl #	NA		
Update #	SP999SPEC		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	60mm	100	0.5mm
Stahl #	NA		
Update #	SP338		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	61.5mm	100	0.5mm
Stahl #	NA		
Update #	SP777		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	60mm	124	0.5mm
Stahl #	NA		
Update #	SP608		
Type	Split		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
55mm	79mm	9	0.5mm
Stahl #	200-748-04-00		
Update #	SP637		
Type	Split		
Shaft Size	50mm		



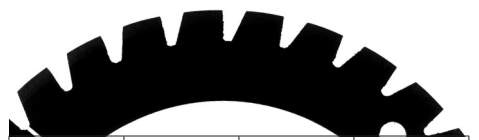
ID	OD	# of Teeth	Thick
55mm	81mm	16	0.9mm
Stahl #	213-031-01-00		
Update #	KP618		
Type	Knockout		
Shaft Size	50mm		



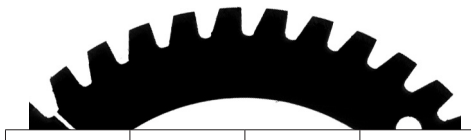
ID	OD	# of Teeth	Thick
55mm	78.5mm	18	0.5mm
Stahl #	205-981-02-00		
Update #	SP906		
Type	Split		
Shaft Size	50mm		



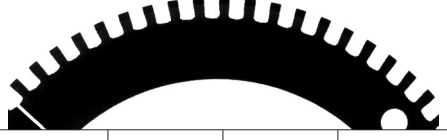
ID	OD	# of Teeth	Thick
55mm	79mm	18V	0.5mm
Stahl #	226-349-01-00		
Update #	SP218		
Type	Split		
Shaft Size	50mm		



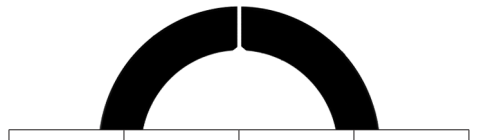
ID	OD	# of Teeth	Thick
55mm	78.5mm	30	0.5mm
Stahl #	205-981-01-00		
Update #	SP909		
Type	Split		
Shaft Size	50mm		



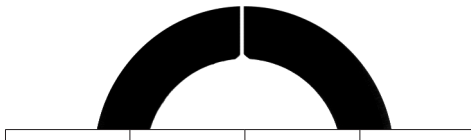
ID	OD	# of Teeth	Thick
55mm	78.5mm	40	0.5mm
Stahl #	200-748-03-00		
Update #	SP902		
Type	Split		
Shaft Size	50mm		



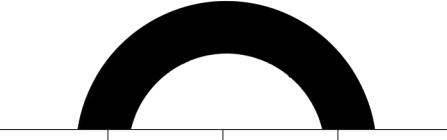
ID	OD	# of Teeth	Thick
55mm	78.5mm	70	0.5mm
Stahl #	200-755-01-00		
Update #	SP905		
Type	Split		
Shaft Size	50mm		



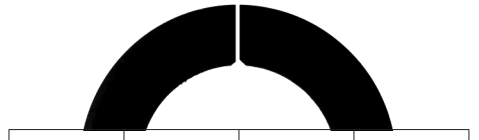
ID	OD	# of Teeth	Thick
26mm	37.5mm	-	0.8mm
Stahl #	200-742-11-00		
Update #	SS607		
Type	Split Score		
Shaft Size	20mm		



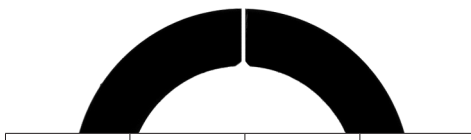
ID	OD	# of Teeth	Thick
26mm	40mm	-	0.5mm
Stahl #	200-747-11-00		
Update #	SS202		
Type	Split Slitter		
Shaft Size	20mm		



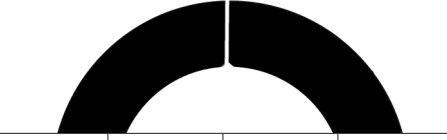
ID	OD	# of Teeth	Thick
26mm	40mm	-	1.0mm
Stahl #	226-341-01-00		
Update #	SS205		
Type	Solid Slitter		
Shaft Size	20mm		



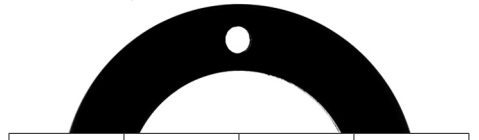
ID	OD	# of Teeth	Thick
26mm	42mm	-	0.5mm
Stahl #	NA		
Update #	SS440		
Type	Split Slitter		
Shaft Size	20mm		



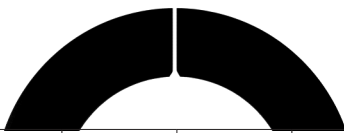
ID	OD	# of Teeth	Thick
30mm	45mm	-	0.8mm
Stahl #	200-742-04-00		
Update #	SS402		
Type	Split Score		
Shaft Size	25mm		



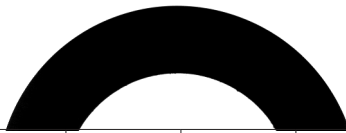
ID	OD	# of Teeth	Thick
30mm	47.5mm	-	0.8mm
Stahl #	NA		
Update #	SS201		
Type	Split Score		
Shaft Size	25mm		



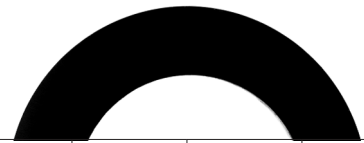
ID	OD	# of Teeth	Thick
30mm	47.5mm	-	1.5mm
Stahl #	NA		
Update #	SS373		
Type	Solid Score		
Shaft Size	25mm		



ID	OD	# of Teeth	Thick
30mm	48mm	100	0.5mm
Stahl #	200-747-01-00		
Update #	SS203		
Type	Split Slitter		
Shaft Size	25mm		



ID	OD	# of Teeth	Thick
30mm	48mm	-	1.0mm
Stahl #	226-341-02-00		
Update #	SS800		
Type	Solid Slitter		
Shaft Size	25mm		



ID	OD	# of Teeth	Thick
30mm	48mm	-	2.0mm
Stahl #	205-970-05-00		
Update #	SS008		
Type	Solid Slitter		
Shaft Size	25mm		



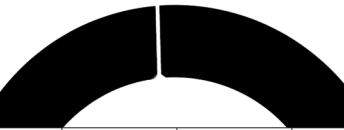
ID	OD	# of Teeth	Thick
30mm	49mm	-	2.0mm
Stahl #	NA		
Update #	SS383		
Type	Solid Slitter		
Shaft Size	25mm		



ID	OD	# of Teeth	Thick
30mm	50mm	-	0.5mm
Stahl #	NA		
Update #	SS207		
Type	Split Slitter		
Shaft Size	25mm		



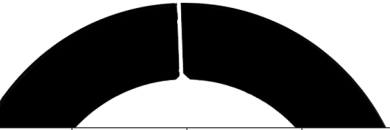
ID	OD	# of Teeth	Thick
40mm	59mm	-	0.8mm
Stahl #	200-742-12-00		
Update #	SS080		
Type	Split Score		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	59mm	-	0.8mm
Stahl #	200-742-12-00		
Update #	SS083		
Type	Split Score		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	59.5mm	-	0.8mm
Stahl #	200-742-09-00		
Update #	SS233		
Type	Split Score		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	60mm	-	0.8mm
Stahl #	200-742-06-00		
Update #	SS283		
Type	Split Score		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	60mm	-	1.0mm
Stahl #	NA		
Update #	SS555		
Type	Solid Slitter		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	60mm	-	1.5mm
Stahl #	200-753-01-00		
Update #	SS973		
Type	Solid Score		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	61mm	-	0.8mm
Stahl #	200-742-05-00		
Update #	MN100		
Type	Split Score		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	62mm	-	0.5mm
Stahl #	200-747-03-00		
Update #	MN400		
Type	Split Slitter		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	61.5mm	-	0.5mm
Stahl #	NA		
Update #	MN453		
Type	Solid Slitter		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	61.5mm	-	1.0mm
Stahl #	226-341-03-00		
Update #	MN353		
Type	Solid Slitter		
Shaft Size	35mm		



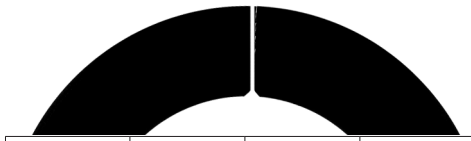
ID	OD	# of Teeth	Thick
40mm	61.5mm	-	1.5mm
Stahl #	NA		
Update #	SS563		
Type	Solid Score		
Shaft Size	35mm		



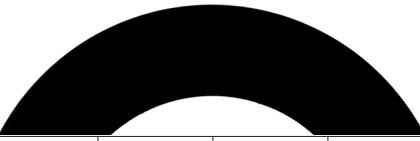
ID	OD	# of Teeth	Thick
40mm	62mm	-	12.0mm
Stahl #	205-970-01-00		
Update #	SS005		
Type	Solid Slitter		
Shaft Size	35mm		



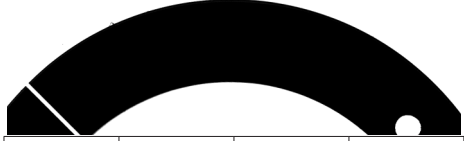
ID	OD	# of Teeth	Thick
40mm	64mm	-	0.5mm
Stahl #	200-474-05-00		
Update #	MN911		
Type	Split Slitter		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
40mm	64mm	-	1.0mm
Stahl #	NA		
Update #	SS009		
Type	Solid Slitter		
Shaft Size	35mm		



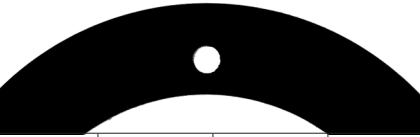
ID	OD	# of Teeth	Thick
40mm	64mm	-	2.0mm
Stahl #	205-970-02-00		
Update #	SS006		
Type	Solid Slitter		
Shaft Size	35mm		



ID	OD	# of Teeth	Thick
55mm	77mm	-	0.5mm
Stahl #	200-742-08-00		
Update #	SS107		
Type	Split Score		
Shaft Size	50mm		



ID	OD	# of Teeth	Thick
55mm	78.5mm	-	0.5mm
Stahl #	200-747-07-00		
Update #	SS602		
Type	Split Slitter		
Shaft Size	50mm		



ID	OD	# of Teeth	Thick
55mm	79mm	-	2.0mm
Stahl #	205-972-01-00		
Update #	SS007		
Type	Solid Slitter		
Shaft Size	65mm		