

JABRO-SOLID²

KATALOG / CATALOGUE

SECO NEWS 2011



JS522



JS512

JS513

JS514

JS553

JS554

**UNIVERSALFRÄSER
FRAISES UNIVERSELLES**

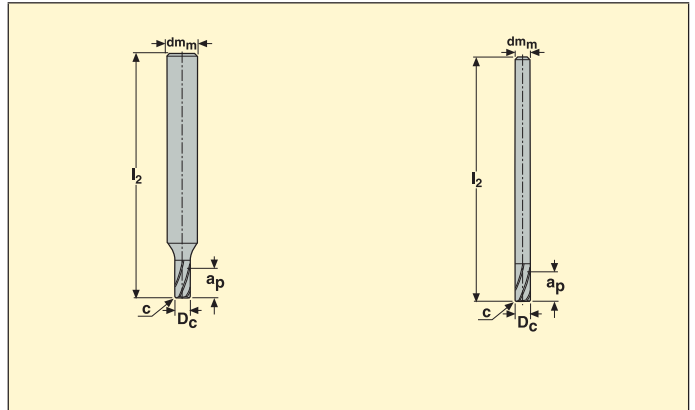


JS520

Name		JS512	JS513	JS514	JS520	JS553	JS554	JS522
Page		4	5	7	8	9	11	13
Type of mill								
Shank	Cylindrical	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Weldon	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/>
Number of flutes		2	3	4	5-8	3	4	2
Diameter range	Metric	1-25	1-25	1-25	4-25	2-25	3-25	6-32
	Inch	1/8-1	1/8-1	1/8-1		1/8-1	1/4-1	
Available lengths								
Operation								
SMG								
1-2	Steel<450 N/mm ²	•	•	•	•	•	•	•
3-4	450<700 N/mm ²	•	•	•	•	•	•	•
5-6	700<1200 N/mm ²	•	•	•	•	•	•	•
7	Hardened steel	○	○	○	○	•	•	
8-9	Stainless steel	•	•	•	•	•	•	•
10-11	Stainless steel	○	○	○	•	•	•	•
12-13	Cast iron	•	•	•	•	•	•	•
14-15	Cast iron	•	•	•	•	•	•	•
16-17	Aluminium	○	○	○	•	•	•	•
18	Copper alloys	○	○	○	•	•	•	•
19	Fe-based super alloys				•	○	○	○
20	CO-based super alloys				•	○	○	○
21	Ni-based super alloys				○	○	○	○
22	Titanium alloys	•	•	•	•	•	•	•
	Plastic	○	○	○	•	•	•	•
	Graphite	○	○	○	○	○	○	○
	Composite							

□ Weldon available, delivery time is 3 days. • Preferred choice, ○ Alternative choice

JS512



Tolerances:

$dm_m = h5, D_c = e8$

$c = D_c \leq 3 = +0,01, 3 < D_c \leq 6 = +0,02, 6 < D_c \leq 10 = +0,03,$

$10 < D_c \leq 14 = +0,04, 14 < D_c \leq 18 = +0,05, 18 < D_c \leq 24 = +0,06,$

$24 < D_c \leq 30 = +0,07$

Type	Part No.	Dimensions in mm					c x 45°	Cylindrical	Weldon	z _n
		D _c	dm _m	l ₂	a _p					
	512010Z2.0-SIRON-A	1	3	40	2	0,010	■		2	
	512015Z2.0-SIRON-A	1,5	3	40	3	0,015	■		2	
	512021Z2.0-SIRON-A	2	3	40	4	0,020	■		2	
	512020Z2.0-SIRON-A	2	6	50	4	0,020	■	□	2	
	512031Z2.0-SIRON-A	3	3	40	6	0,030	■		2	
	512030Z2.0-SIRON-A	3	6	50	6	0,030	■	□	2	
	512041Z2.0-SIRON-A	4	4	40	8	0,040	■		2	
	512040Z2.0-SIRON-A	4	6	50	8	0,040	■	□	2	
	512051Z2.0-SIRON-A	5	5	50	10	0,050	■		2	
	512050Z2.0-SIRON-A	5	6	50	10	0,050	■	□	2	
	512060Z2.0-SIRON-A	6	6	55	12	0,060	■	□	2	
	512080Z2.0-SIRON-A	8	8	60	16	0,080	■	□	2	
	512100Z2.0-SIRON-A	10	10	70	20	0,100	■	□	2	
	512120Z2.0-SIRON-A	12	12	75	24	0,120	■	□	2	
	512160Z2.0-SIRON-A	16	16	90	30	0,160	■	□	2	
	512200Z2.0-SIRON-A	20	20	100	35	0,200	■	□	2	
	512250Z2.0-SIRON-A	25	25	110	40	0,250	■	□	2	
		512L010Z2.0-SIRON-A	1	3	40	3	0,010	■		2
		512L015Z2.0-SIRON-A	1,5	3	40	6	0,015	■		2
		512L020Z2.0-SIRON-A	2	6	50	7	0,020	■	□	2
512L030Z2.0-SIRON-A		3	6	55	10	0,030	■	□	2	
512L040Z2.0-SIRON-A		4	6	55	14	0,040	■	□	2	
512L050Z2.0-SIRON-A		5	6	60	18	0,050	■	□	2	
512L060Z2.0-SIRON-A		6	6	60	20	0,060	■	□	2	
512L080Z2.0-SIRON-A		8	8	70	28	0,080	■	□	2	
512L100Z2.0-SIRON-A		10	10	85	35	0,100	■	□	2	
512L120Z2.0-SIRON-A		12	12	100	42	0,120	■	□	2	
	512XL020Z2.0-SIRON-A	2	6	55	10	0,020	■	□	2	
	512XL030Z2.0-SIRON-A	3	6	60	15	0,030	■	□	2	
	512XL040Z2.0-SIRON-A	4	6	65	20	0,040	■	□	2	
	512XL050Z2.0-SIRON-A	5	6	65	25	0,050	■	□	2	
	512XL060Z2.0-SIRON-A	6	6	70	30	0,060	■	□	2	
	512XL080Z2.0-SIRON-A	8	8	85	40	0,080	■	□	2	
	512XL100Z2.0-SIRON-A	10	10	100	50	0,100	■	□	2	
	512XL120Z2.0-SIRON-A	12	12	115	60	0,120	■	□	2	
	512XL160Z2.0-SIRON-A	16	16	130	70	0,160	■	□	2	
	512XL200Z2.0-SIRON-A	20	20	150	80	0,200	■	□	2	
512XL250Z2.0-SIRON-A	25	25	160	90	0,250	■	□	2		

□ Weldon available for cylindrical shanks (delivery time is 3 days). Add W after the Part No. when ordering: 512L100Z2.0-SIRON-AW.

JS513



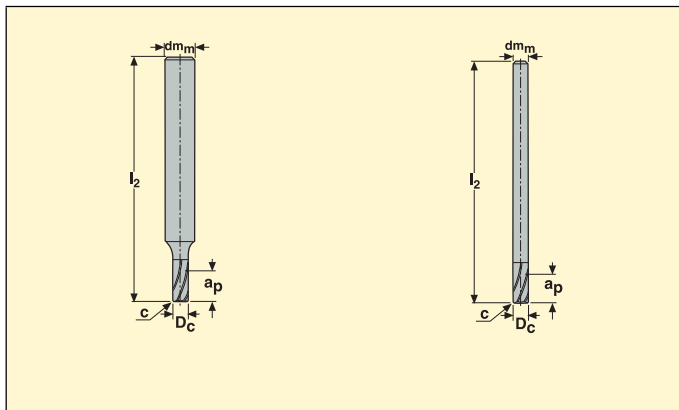
Tolerances:

$dm_m = h5, D_c = e8$

$c = D_c \leq 3 = +0,01, 3 < D_c \leq 6 = +0,02, 6 < D_c \leq 10 = +0,03,$

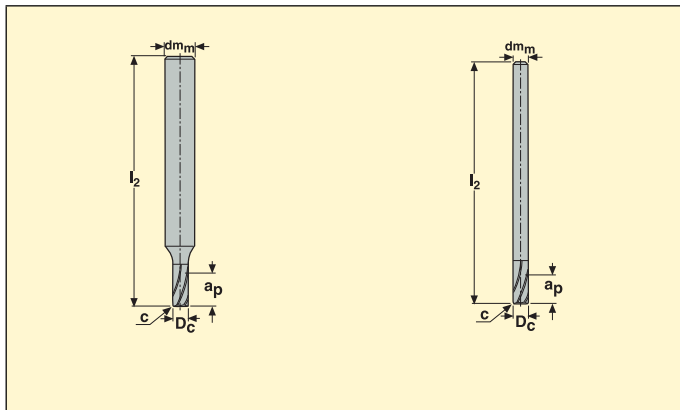
$10 < D_c \leq 14 = +0,04, 14 < D_c \leq 18 = +0,05, 18 < D_c \leq 24 = +0,06,$

$24 < D_c \leq 30 = +0,07$



Type	Part No.	Dimensions in mm				c x 45°	Cylindrical	Weldon	Z _n	
		D _c	dm _m	l ₂	a _p					
	JS513									
		513010Z3.0-SIRON-A	1	3	40	2	0,010	■	□	3
		513015Z3.0-SIRON-A	1,5	3	40	3	0,015	■	□	3
		513021Z3.0-SIRON-A	2	3	40	4	0,020	■	□	3
		513020Z3.0-SIRON-A	2	6	50	4	0,020	■	□	3
		513025Z3.0-SIRON-A	2,5	6	50	5	0,025	■	□	3
		513031Z3.0-SIRON-A	3	3	40	6	0,030	■	□	3
		513030Z3.0-SIRON-A	3	6	50	6	0,030	■	□	3
		513041Z3.0-SIRON-A	4	4	40	8	0,040	■	□	3
		513040Z3.0-SIRON-A	4	6	50	8	0,040	■	□	3
		513051Z3.0-SIRON-A	5	5	50	10	0,050	■	□	3
		513050Z3.0-SIRON-A	5	6	55	10	0,050	■	□	3
		513060Z3.0-SIRON-A	6	6	55	12	0,060	■	□	3
		513080Z3.0-SIRON-A	8	8	60	16	0,080	■	□	3
		513100Z3.0-SIRON-A	10	10	70	20	0,100	■	□	3
		513120Z3.0-SIRON-A	12	12	75	24	0,120	■	□	3
	513140Z3.0-SIRON-A	14	14	80	28	0,140	■	□	3	
	513160Z3.0-SIRON-A	16	16	90	30	0,160	■	□	3	
	513180Z3.0-SIRON-A	18	18	95	35	0,180	■	□	3	
	513200Z3.0-SIRON-A	20	20	100	35	0,200	■	□	3	
	513250Z3.0-SIRON-A	25	25	110	40	0,250	■	□	3	
	513L010Z3.0-SIRON-A	1	3	40	3	0,010	■	□	3	
	513L015Z3.0-SIRON-A	1,5	3	40	6	0,015	■	□	3	
	513L020Z3.0-SIRON-A	2	6	50	7	0,020	■	□	3	
	513L025Z3.0-SIRON-A	2,5	6	55	9	0,025	■	□	3	
	513L030Z3.0-SIRON-A	3	6	55	10	0,030	■	□	3	
	513L040Z3.0-SIRON-A	4	6	60	14	0,040	■	□	3	
	513L050Z3.0-SIRON-A	5	6	65	18	0,050	■	□	3	
	513L060Z3.0-SIRON-A	6	6	65	20	0,060	■	□	3	
	513L080Z3.0-SIRON-A	8	8	75	28	0,080	■	□	3	
	513L100Z3.0-SIRON-A	10	10	85	35	0,100	■	□	3	
	513L120Z3.0-SIRON-A	12	12	100	42	0,120	■	□	3	
	513L140Z3.0-SIRON-A	14	14	105	50	0,140	■	□	3	
	513L160Z3.0-SIRON-A	16	16	110	50	0,160	■	□	3	
	513L200Z3.0-SIRON-A	20	20	125	60	0,200	■	□	3	
	513L250Z3.0-SIRON-A	25	25	140	70	0,250	■	□	3	

□ Weldon available for cylindrical shanks (delivery time is 3 days). Add W after the Part No. when ordering: 513L100Z3.0-SIRON-AW.



Tolerances:

$dm_m = h5, D_c = e8$

$c = D_c \leq 3 = +0,01, 3 < D_c \leq 6 = +0,02, 6 < D_c \leq 10 = +0,03,$

$10 < D_c \leq 14 = +0,04, 14 < D_c \leq 18 = +0,05, 18 < D_c \leq 24 = +0,06,$

$24 < D_c \leq 30 = +0,07$

Type	Part No.	Dimensions in mm				c x 45°	Cylindrical	Weldon	Z _n
		D _c	dm _m	l ₂	a _p				
JS514	514010Z4.0-SIRON-A	1	3	40	2	0,010	■	□	4
	514015Z4.0-SIRON-A	1,5	3	40	3	0,015	■	□	4
SIRON-A	514021Z4.0-SIRON-A	2	3	40	5	0,020	■	□	4
	514020Z4.0-SIRON-A	2	6	50	5	0,020	■	□	4
	514031Z4.0-SIRON-A	3	3	40	7	0,030	■	□	4
	514030Z4.0-SIRON-A	3	6	50	7	0,030	■	□	4
	514041Z4.0-SIRON-A	4	4	40	10	0,040	■	□	4
	514040Z4.0-SIRON-A	4	6	55	10	0,040	■	□	4
	514051Z4.0-SIRON-A	5	5	50	12	0,050	■	□	4
	514050Z4.0-SIRON-A	5	6	55	12	0,050	■	□	4
	514060Z4.0-SIRON-A	6	6	55	13	0,060	■	□	4
	514080Z4.0-SIRON-A	8	8	60	18	0,080	■	□	4
20°	514100Z4.0-SIRON-A	10	10	70	22	0,100	■	□	4
	514120Z4.0-SIRON-A	12	12	80	26	0,120	■	□	4
	514160Z4.0-SIRON-A	16	16	90	32	0,160	■	□	4
	514200Z4.0-SIRON-A	20	20	100	40	0,200	■	□	4
	514250Z4.0-SIRON-A	25	25	125	50	0,250	■	□	4
	514L010Z4.0-SIRON-A	1	3	40	3	0,010	■	□	4
	514L015Z4.0-SIRON-A	1,5	3	40	6	0,015	■	□	4
	514L020Z4.0-SIRON-A	2	6	50	8	0,020	■	□	4
	514L030Z4.0-SIRON-A	3	6	55	12	0,030	■	□	4
	514L040Z4.0-SIRON-A	4	6	60	16	0,040	■	□	4
10°	514L050Z4.0-SIRON-A	5	6	65	21	0,050	■	□	4
	514L060Z4.0-SIRON-A	6	6	65	23	0,060	■	□	4
	514L080Z4.0-SIRON-A	8	8	75	32	0,080	■	□	4
	514L100Z4.0-SIRON-A	10	10	90	40	0,100	■	□	4
	514L120Z4.0-SIRON-A	12	12	100	45	0,120	■	□	4
	514L160Z4.0-SIRON-A	16	16	125	55	0,160	■	□	4
	514L200Z4.0-SIRON-A	20	20	125	65	0,200	■	□	4
	514L250Z4.0-SIRON-A	25	25	160	80	0,250	■	□	4
	514XL020Z4.0-SIRON-A	2	6	55	10	0,020	■	□	4
	514XL030Z4.0-SIRON-A	3	6	60	17	0,030	■	□	4
514XL040Z4.0-SIRON-A	4	6	70	25	0,040	■	□	4	
514XL050Z4.0-SIRON-A	5	6	70	28	0,050	■	□	4	
514XL060Z4.0-SIRON-A	6	6	80	35	0,060	■	□	4	
514XL080Z4.0-SIRON-A	8	8	90	45	0,080	■	□	4	
514XL100Z4.0-SIRON-A	10	10	110	55	0,100	■	□	4	
514XL120Z4.0-SIRON-A	12	12	125	65	0,120	■	□	4	
514XL160Z4.0-SIRON-A	16	16	150	80	0,160	■	□	4	
514XL200Z4.0-SIRON-A	20	20	150	90	0,200	■	□	4	
514XL250Z4.0-SIRON-A	25	25	180	110	0,250	■	□	4	

□ Weldon available for cylindrical shanks (delivery time is 3 days) Add W after the Part No. when ordering: 514010Z4.0-SIRON-AW.

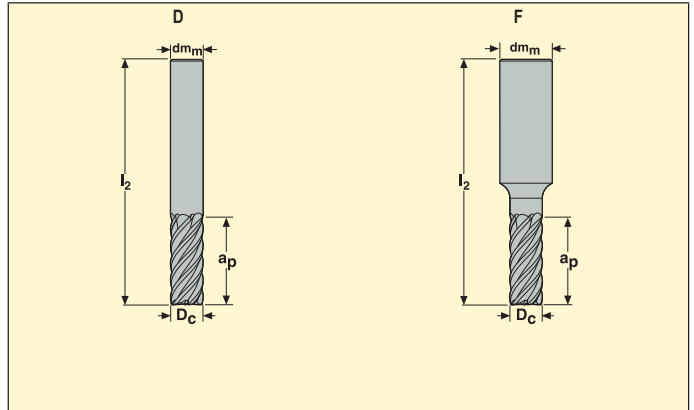
JS520 – Multi flute



Tolerances:

$dm_m = h5$

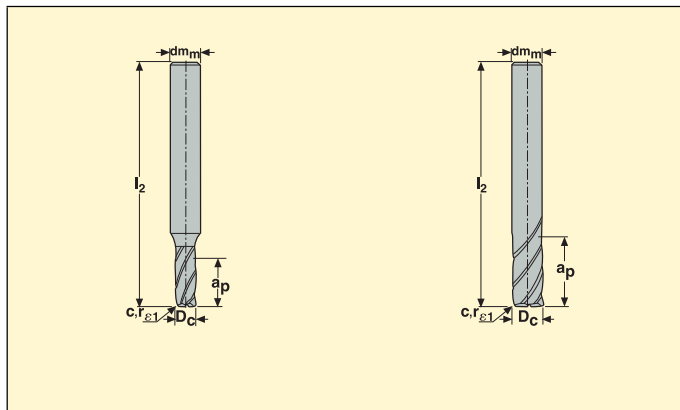
$D_c = e7$



Type	Part No.	Tool shape	Dimensions in mm				Cylindrical	Weldon	z_n
			D_c	dm_m	l_2	a_p			
	JS520040F2S.0Z5-SIRA	F	4	6	55	10	■	<input type="checkbox"/>	5
	JS520040F3S.0Z5-SIRA	F	4	6	60	15	■	<input type="checkbox"/>	5
	JS520050F2S.0Z5-SIRA	F	5	6	55	12	■	<input type="checkbox"/>	5
	JS520050F3S.0Z5-SIRA	F	5	6	60	19	■	<input type="checkbox"/>	5
	JS520060D2S.0Z5-SIRA	D	6	6	60	15	■	<input type="checkbox"/>	5
	JS520060D3S.0Z5-SIRA	D	6	6	65	20	■	<input type="checkbox"/>	5
	JS520060D2S.0Z6-SIRA	D	6	6	60	15	■	<input type="checkbox"/>	6
	JS520060D3S.0Z6-SIRA	D	6	6	65	20	■	<input type="checkbox"/>	6
	JS520080D2S.0Z5-SIRA	D	8	8	65	20	■	<input type="checkbox"/>	5
	JS520080D3S.0Z5-SIRA	D	8	8	75	30	■	<input type="checkbox"/>	5
	JS520080D2S.0Z6-SIRA	D	8	8	65	20	■	<input type="checkbox"/>	6
	JS520080D3S.0Z6-SIRA	D	8	8	75	30	■	<input type="checkbox"/>	6
	JS520100D2S.0Z6-SIRA	D	10	10	75	25	■	<input type="checkbox"/>	6
	JS520100D3S.0Z6-SIRA	D	10	10	90	40	■	<input type="checkbox"/>	6
	JS520120D2S.0Z6-SIRA	D	12	12	80	25	■	<input type="checkbox"/>	6
	JS520120D3S.0Z6-SIRA	D	12	12	100	45	■	<input type="checkbox"/>	6
	JS520140D2S.0Z6-SIRA	D	14	14	90	30	■	<input type="checkbox"/>	6
	JS520160D2S.0Z6-SIRA	D	16	16	90	30	■	<input type="checkbox"/>	6
	JS520160D3S.0Z6-SIRA	D	16	16	125	65	■	<input type="checkbox"/>	6
	JS520160D2S.0Z8-SIRA	D	16	16	90	30	■	<input type="checkbox"/>	8
JS520160D3S.0Z8-SIRA	D	16	16	125	65	■	<input type="checkbox"/>	8	
JS520200D2S.0Z8-SIRA	D	20	20	100	35	■	<input type="checkbox"/>	8	
JS520200D3S.0Z8-SIRA	D	20	20	125	65	■	<input type="checkbox"/>	8	
JS520250D2S.0Z8-SIRA	D	25	25	125	50	■	<input type="checkbox"/>	8	
JS520250D3S.0Z8-SIRA	D	25	25	150	75	■	<input type="checkbox"/>	8	

Ordering Weldon please replace .0 with 3

JS553 – Polished coating and differential tooth pitch



Tolerances:

$dm_m = h5$

$D_c = e7, r_{e1} = +/-0,02$

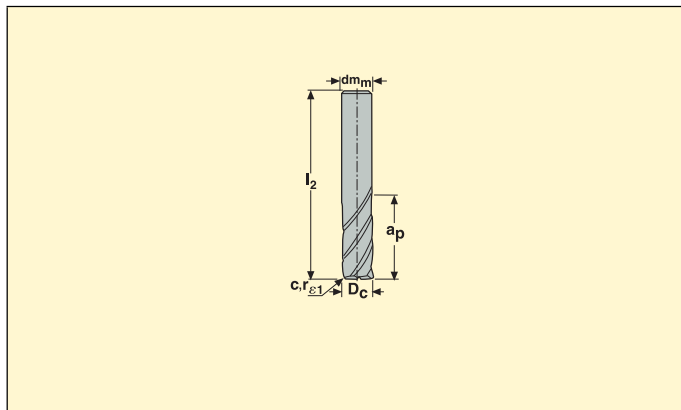
$c = D_c \leq 3 = +0,01, 3 < D_c \leq 6 = +0,02, 6 < D_c \leq 10 = +0,03,$

$10 < D_c \leq 14 = +0,04, 14 < D_c \leq 18 = +0,05, 18 < D_c \leq 24 = +0,06,$

Type	Part No.	Dimensions in mm					c x 45°	Cylindrical	Weldon	z _n	
		D _c	dm _m	l ₂	a _p	r _{e1}					
	553020SZ3.0-SIRON-A	2	6	50	5	-	-	■	□	3	
	553020Z3.0-SIRON-A	2	6	50	5	-	0,025	■	□	3	
	553025Z3.0-SIRON-A	2,5	6	50	7	-	0,025	■	□	3	
	553030SZ3.0-SIRON-A	3	6	50	7	-	-	■	□	3	
	553030Z3.0-SIRON-A	3	6	50	7	-	0,035	■	□	3	
	553030R015Z3.0-SIRON-A	3	6	50	7	0,15	-	■	□	3	
	553035Z3.0-SIRON-A	3,5	6	55	9	-	0,035	■	□	3	
	553040SZ3.0-SIRON-A	4	6	55	10	-	-	■	□	3	
	553040Z3.0-SIRON-A	4	6	55	10	-	0,045	■	□	3	
	553040R020Z3.0-SIRON-A	4	6	55	10	0,2	-	■	□	3	
	553045Z3.0-SIRON-A	4,5	6	55	12	-	0,045	■	□	3	
	553050SZ3.0-SIRON-A	5	6	55	12	-	-	■	□	3	
	553050Z3.0-SIRON-A	5	6	55	12	-	0,055	■	□	3	
	553050R020Z3.0-SIRON-A	5	6	55	12	0,2	-	■	□	3	
	553055Z3.0-SIRON-A	5,5	6	55	14	-	0,055	■	□	3	
	553060Z3.3-SIRON-A	6	6	55	14	-	0,075	■	■	3	
	553060SZ3.0-SIRON-A	6	6	55	14	-	-	■	□	3	
	553060Z3.0-SIRON-A	6	6	55	14	-	0,075	■	□	3	
	553060R020Z3.0-SIRON-A	6	6	55	14	0,2	-	■	□	3	
	553075Z3.3-SIRON-A	7,5	8	60	18	-	0,100	■	■	3	
	553075Z3.0-SIRON-A	7,5	8	60	18	-	0,100	■	□	3	
	553080Z3.3-SIRON-A	8	8	60	18	-	0,100	■	■	3	
	553080SZ3.0-SIRON-A	8	8	60	18	-	-	■	□	3	
	553080Z3.0-SIRON-A	8	8	60	18	-	0,100	■	□	3	
	553080R050Z3.0-SIRON-A	8	8	60	18	0,5	-	■	□	3	
		553095Z3.3-SIRON-A	9,5	10	70	22	-	0,125	■	■	3
		553095Z3.0-SIRON-A	9,5	10	70	22	-	0,125	■	□	3
		553100Z3.3-SIRON-A	10	10	70	22	-	0,125	■	■	3
		553100SZ3.0-SIRON-A	10	10	70	22	-	-	■	□	3
		553100Z3.0-SIRON-A	10	10	70	22	-	0,125	■	□	3
553100R050Z3.0-SIRON-A		10	10	70	22	0,5	-	■	□	3	
553100R100Z3.0-SIRON-A		10	10	70	22	1	-	■	□	3	
553115Z3.3-SIRON-A		11,5	12	80	26	-	0,150	■	■	3	
553115Z3.0-SIRON-A		11,5	12	80	26	-	0,150	■	□	3	
553120Z3.3-SIRON-A		12	12	80	26	-	0,150	■	■	3	
	553120Z3.0-SIRON-A	12	12	80	26	-	0,150	■	□	3	
	553120R050Z3.0-SIRON-A	12	12	80	26	0,5	-	■	□	3	
	553120R100Z3.0-SIRON-A	12	12	80	26	1	-	■	□	3	
	553140Z3.3-SIRON-A	14	14	85	30	-	0,175	■	■	3	
	553140Z3.0-SIRON-A	14	14	85	30	-	0,175	■	□	3	
	553160Z3.3-SIRON-A	16	16	90	34	-	0,200	■	■	3	
553160Z3.0-SIRON-A	16	16	90	34	-	0,200	■	□	3		

□ Weldon available for cylindrical shanks (delivery time is 3 days). Add W after the Part No. when ordering: 553100R050Z3.0-SIRON-AW.

JS554 – Polished coating and differential tooth pitch



Tolerances:


















$$dm_m = h5, D_c = e7$$

$$r_{\epsilon 1} = \pm 0.02$$

$$c = D_c \leq 3 = +0.01, 3 < D_c \leq 6 = +0.02, 6 < D_c \leq 10 = +0.03,$$

$$10 < D_c \leq 14 = +0.04, 14 < D_c \leq 18 = +0.05, 18 < D_c \leq 24 = +0.06,$$

Type	Part No.	Dimensions in mm						Cylindrical	Weldon	z _n
		D _c	dm _m	l ₂	a _p	r _{ε1}	c x 45°			
JS554	554030Z4.3-SIRON-A	3	6	50	7	-	0,035	■	■	4
	554030SZ4.0-SIRON-A	3	6	50	7	-	-	■	■	4
	554030Z4.0-SIRON-A	3	6	50	7	-	0,035	■	■	4
	554040Z4.3-SIRON-A	4	6	55	10	-	0,045	■	■	4
	554040SZ4.0-SIRON-A	4	6	55	10	-	-	■	■	4
	554040Z4.0-SIRON-A	4	6	55	10	-	0,045	■	■	4
	554050Z4.3-SIRON-A	5	6	55	12	-	0,055	■	■	4
	554050SZ4.0-SIRON-A	5	6	55	12	-	-	■	■	4
	554050Z4.0-SIRON-A	5	6	55	12	-	0,055	■	■	4
	554060Z4.3-SIRON-A	6	6	55	14	-	0,075	■	■	4
	554060SZ4.0-SIRON-A	6	6	55	14	-	-	■	■	4
	554060Z4.0-SIRON-A	6	6	55	14	-	0,075	■	■	4
	554060R020Z4.3-SIRON-A	6	6	55	14	0,2	-	■	■	4
	554060R020Z4.0-SIRON-A	6	6	55	14	0,2	-	■	■	4
	554080Z4.3-SIRON-A	8	8	60	18	-	0,100	■	■	4
	554080SZ4.0-SIRON-A	8	8	60	18	-	-	■	■	4
	554080Z4.0-SIRON-A	8	8	60	18	-	0,100	■	■	4
	554080R050Z4.3-SIRON-A	8	8	60	18	0,5	-	■	■	4
	554080R050Z4.0-SIRON-A	8	8	60	18	0,5	-	■	■	4
	554100Z4.3-SIRON-A	10	10	65	22	-	0,125	■	■	4
	554100SZ4.0-SIRON-A	10	10	70	22	-	-	■	■	4
	554100Z4.0-SIRON-A	10	10	65	22	-	0,125	■	■	4
	554100R050Z4.3-SIRON-A	10	10	70	22	0,5	-	■	■	4
	554100R050Z4.0-SIRON-A	10	10	70	22	0,5	-	■	■	4
	554100R100Z4.3-SIRON-A	10	10	70	22	1	-	■	■	4
	554100R100Z4.0-SIRON-A	10	10	70	22	1	-	■	■	4
	554120Z4.3-SIRON-A	12	12	70	26	-	0,150	■	■	4
	554120Z4.0-SIRON-A	12	12	70	26	-	0,150	■	■	4
	554120R050Z4.3-SIRON-A	12	12	80	26	0,5	-	■	■	4
	554120R050Z4.0-SIRON-A	12	12	80	26	0,5	-	■	■	4
	554120R100Z4.3-SIRON-A	12	12	80	26	1	-	■	■	4
	554120R100Z4.0-SIRON-A	12	12	80	26	1	-	■	■	4
SIRON-A	554160Z4.3-SIRON-A	16	16	90	34	-	0,200	■	■	4
	554160Z4.0-SIRON-A	16	16	90	34	-	0,200	■	■	4
	554160R050Z4.3-SIRON-A	16	16	90	34	0,5	-	■	■	4
	554160R050Z4.0-SIRON-A	16	16	90	34	0,5	-	■	■	4
	554160R100Z4.3-SIRON-A	16	16	90	34	1	-	■	■	4
	554160R100Z4.0-SIRON-A	16	16	90	34	1	-	■	■	4
	554200Z4.3-SIRON-A	20	20	100	42	-	0,250	■	■	4
	554200Z4.0-SIRON-A	20	20	100	42	-	0,250	■	■	4
	554200R050Z4.3-SIRON-A	20	20	100	42	0,5	-	■	■	4
	554200R050Z4.0-SIRON-A	20	20	100	42	0,5	-	■	■	4

Type	Part No.	Dimensions in mm						Cylindrical	Weldon	z _n
		D _c	dm _m	l ₂	a _p	r _{ε1}	c x 45°			
                 										

Easyshrink® 15, heating and air cooling device



ZFM08IN*

Device	Part No.	Capacity, tool shank mm		Shrinking time, approx.	Dimensions in mm			 KG
		Carbide/ Heavy metal	Steel/ HSS		Width	Depth	Height	
Easyshrink 15*	ZFM08IN	∅ 3-32	∅ 6-32	10 sec.	830	410	910	45

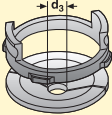
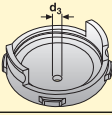

* Delivery content includes 5 standard (full set) heat focusing stoppers for 3 to 32 mm, 1 universal sliding support (ZFAR08T), 1 support ring (ZFAR07H63), 1 cooling cone (ZFAR02C), 1 pair of gloves (ZFAG01).

Accessories and Spare parts

	Part No.	Accessories	Spare parts	For Shrinkfit holder taper	Dimensions in mm			 KG
					D	D ₁	F	
Support ring 	ZFAR07H32	■		HSK32 A/C/E & Seco-Capto™ C3	90	99,5	–	0,20
	ZFAR07H40	■		HSK40 A/C/E & HSK50 B/D/F & Seco-Capto™ C4	90	99,5	–	0,20
	ZFAR07H50	■		HSK50 A/C/E & HSK63 B/D/F	90	99,5	–	0,20
	ZFAR07H63		■	HSK63 A/C/E & HSK80 B/D/F	90	99,5	–	0,20
	ZFAR07H80	■		HSK80 A/C/E & HSK100 B/D	90	99,5	–	0,20
	ZFAR07H10	■		HSK100 A/C	90	99,5	–	0,20
	ZFAR07C5	■		Seco-Capto™ C5	90	99,5	–	0,20
	ZFAR07C6	■		Seco-Capto™ C6	90	99,5	–	0,20
	ZFAR07C8	■		Seco-Capto™ C8	90	99,5	–	0,20
	ZFAR07S30	■		SA30	90	99,5	–	0,20
	ZFAR07S40	■		SA40	90	99,5	–	0,20
	ZFAR07S50	■		SA50	90	99,5	–	0,20
Cooling cone 	ZFAR03C		■	–	120	–	–	0,10
Universal sliding support 	ZFAR08T		■	–	90	–	160	0,40

Easyshrink® 15, heating and air cooling device

Accessories and Spare parts

For Easyshrink 15	Part No.	Accessories	Spare parts	For tool shank dia	d ₃ mm	KG
Heat focusing stopper for tools with a larger head * (pairs of half plates ZFCE... and ring ZFCM...) 	ZFCE2521	■		∅ 3-6 mm	6,5	0,25
	ZFCE2522	■		∅ 8-14 mm	15	0,25
	ZFCE2523	■		∅ 16-18 mm	20	0,21
	ZFCE2524	■		∅ 20-25 mm	27	0,18
	ZFCE2525	■		∅ 32 mm	34	0,16
	ZFCM08IN000	■		–	–	0,04
Heat focusing stopper 	ZFAT08C01		■	∅ 3-6 mm	6,5	0,29
	ZFAT08C02		■	∅ 8-14 mm	15	0,28
	ZFAT08C03		■	∅ 16-18 mm	20	0,24
	ZFAT08C04		■	∅ 20-25 mm	27	0,19
	ZFAT08C05		■	∅ 32 mm	34	0,17
Pair of protective gloves 	ZFAG01		■	–	–	–

* Maximum tool head diameter that can pass through the inductor is 65 mm.

DER SCHLÜSSEL ZUM ERFOLG

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