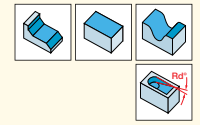
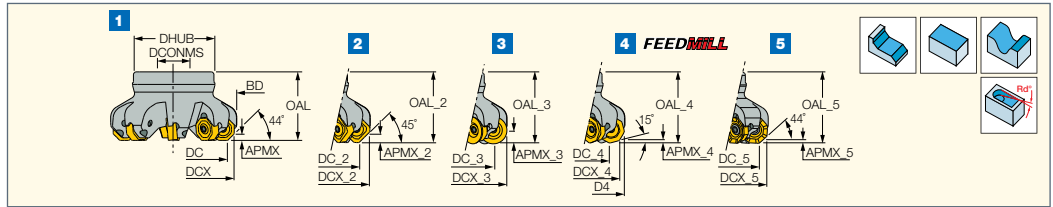


SOF45

Multifunction Face Mills for Octagonal, Square and Round Insert Contours with Various Entry Angles



Designation	DC	DCX ⁽¹⁾	DC_2	DC_3	DCX_3	DC_4	DCX_4	BD_4	DC_5	APMX	APMX_2	APMX_3	APMX_4	APMX_5
SOF45 8/16-D040-04-22R	40.00	50.40	37.65	35.40	51.20	34.50	44.00	50.50	40.30	3.50	6.00	7.90	1.20	2.90
SOF45 8/16-D050-03-22R	50.00	60.40	47.65	45.40	61.20	44.50	54.00	60.50	50.30	3.50	6.00	7.90	1.20	2.90
SOF45 8/16-D050-04-22R	50.00	60.40	47.65	45.40	61.20	44.50	54.00	60.50	50.30	3.50	6.00	7.90	1.20	2.90
SOF45 8/16-D050-06-22R	50.00	60.40	47.65	45.40	61.20	44.50	54.00	60.50	50.30	3.50	6.00	7.90	1.20	2.90
SOF45 D050-04-22-R13	52.35	62.70	50.00	47.75	63.55	46.95	56.35	62.90	52.65	3.50	6.00	7.90	1.20	2.90
SOF45 8/16-D063-04-22R	63.00	73.40	60.65	58.40	74.20	57.50	67.00	73.50	63.30	3.50	6.00	7.90	1.20	2.90
SOF45 8/16-D063-06-22R	63.00	73.40	60.65	58.40	74.20	57.50	67.00	73.50	63.30	3.50	6.00	7.90	1.20	2.90
SOF45 8/16-D063-08-22R	63.00	73.40	60.65	58.40	74.20	57.50	67.00	73.50	63.30	3.50	6.00	7.90	1.20	2.90
SOF45 D063-06-22-R13	65.35	75.70	63.00	60.75	76.55	59.95	69.35	75.90	63.65	3.50	6.00	7.90	1.20	2.90
SOF45 8/16-D080-07-27R	80.00	90.40	77.65	65.40	91.20	74.50	84.00	90.50	80.30	3.50	6.00	7.90	1.20	2.90
SOF45 8/16-D080-10-27R	80.00	90.40	77.65	65.40	91.20	74.50	84.00	90.50	80.30	3.50	6.00	7.90	1.20	2.90
SOF45 D080-07-27-R13	82.35	92.70	80.00	77.60	93.40	76.95	86.35	92.90	82.65	3.50	6.00	7.90	1.20	2.90
SOF45 8/16-D100-08-32R	100.00	110.40	97.65	95.40	111.20	94.50	104.00	110.50	100.30	3.50	6.00	7.90	1.20	2.90
SOF45 8/16-D100-12-32R	100.00	110.40	97.65	95.40	111.20	94.50	104.00	110.50	100.30	3.50	6.00	7.90	1.20	2.90
SOF45 D100-08-32-R13	102.35	112.70	100.00	97.75	113.55	96.95	106.35	112.90	102.65	3.50	6.00	7.90	1.20	2.90
SOF45 8/16-D125-10-40R	125.00	135.40	122.65	120.40	136.20	119.50	129.00	135.50	125.30	3.50	6.00	7.90	1.20	2.90
SOF45 8/16-D125-16-40R	125.00	135.40	122.65	120.40	136.20	119.50	129.00	135.50	125.30	3.50	6.00	7.90	1.20	2.90
SOF45 D125-10-40-R13	127.35	137.70	125.00	122.75	138.55	121.95	131.35	137.90	127.65	3.50	6.00	7.90	1.20	2.90
SOF45 8/16-D160-12-40R	160.00	170.40	157.65	155.40	171.20	154.50	164.00	171.50	160.30	3.50	6.00	7.90	1.20	2.90
SOF45 8/16-D200-14-60R	200.00	210.40	197.65	195.40	211.20	194.50	204.00	211.50	200.50	3.50	6.00	7.90	1.20	2.90
SOF45 8/16-D250-16-60R	250.00	260.40	247.65	245.40	261.20	244.50	254.00	261.50	250.30	3.50	6.00	7.90	1.20	2.90
SOF45 8/16-D315-20-60R	315.00	329.40	312.65	310.40	326.20	309.50	319.00	326.50	315.30	3.50	6.00	7.90	1.20	2.90

Designation	OAL	OAL_2	OAL_3	OAL_4	OAL_5	CICT ⁽²⁾	DHUB	DCONMS	RMPX°_3 ⁽³⁾	Arbor ⁽⁴⁾	CSP ⁽⁵⁾	
SOF45 8/16-D040-04-22R	40.00	41.2	41.60	41.30	41.20	4	45.00	22.00	3.7	A	1	0.29
SOF45 8/16-D050-03-22R	40.00	41.2	41.60	41.30	41.20	3	48.00	22.00	5.6	A	1	0.38
SOF45 8/16-D050-04-22R	40.00	41.2	41.60	41.30	41.20	4	48.00	22.00	5.6	A	1	0.39
SOF45 8/16-D050-06-22R	40.00	41.2	41.60	41.30	41.20	6	48.00	22.00	5.6	A	1	0.38
SOF45 D050-04-22-R13	38.80	40.0	40.40	40.10	40.20	4	48.00	22.00	5.4	A	1	0.38
SOF45 8/16-D063-04-22R	40.00	41.2	41.60	41.30	41.20	4	48.00	22.00	6.3	A	1	0.54
SOF45 8/16-D063-06-22R	40.00	41.2	41.60	41.30	41.20	6	48.00	22.00	6.3	B	0	0.47
SOF45 8/16-D063-08-22R	40.00	41.2	41.60	41.30	41.20	8	48.00	22.00	6.3	B	0	0.46
SOF45 D063-06-22-R13	38.80	40.0	40.40	40.10	40.20	6	48.00	22.00	5.7	B	1	0.50
SOF45 8/16-D080-07-27R	50.00	51.2	51.60	51.30	51.20	7	60.00	27.00	6.2	B	0	1.01
SOF45 8/16-D080-10-27R	50.00	51.2	51.60	51.30	51.20	10	60.00	27.00	6.2	B	0	0.96
SOF45 D080-07-27-R13	48.80	50.0	50.40	50.10	50.20	7	60.00	27.00	6.0	B	1	1.00
SOF45 8/16-D100-08-32R	50.00	51.2	51.60	51.30	51.20	8	70.00	32.00	4.7	B	0	1.39
SOF45 8/16-D100-12-32R	50.00	51.2	51.60	51.30	51.20	12	70.00	32.00	4.7	B	0	1.35
SOF45 D100-08-32-R13	48.80	50.0	50.40	50.10	50.00	8	70.00	32.00	4.6	B	1	1.47
SOF45 8/16-D125-10-40R	63.00	64.2	64.60	64.30	64.20	10	82.00	40.00	3.6	B	0	2.63
SOF45 8/16-D125-16-40R	63.00	64.2	64.60	64.30	64.20	16	82.00	40.00	3.6	B	0	2.53
SOF45 D125-10-40-R13	61.80	63.0	63.40	63.10	63.20	10	82.00	40.00	3.5	B	1	2.63
SOF45 8/16-D160-12-40R	63.00	64.2	64.60	64.30	64.20	12	92.00	40.00	2.6	C	0	3.35
SOF45 8/16-D200-14-60R	63.00	64.2	64.60	64.30	64.20	14	135.00	60.00	2.0	C	0	5.77
SOF45 8/16-D250-16-60R	63.00	64.2	64.60	64.30	64.20	16	137.00	60.00	1.5	C	0	7.98
SOF45 8/16-D315-20-60R	80.00	81.2	81.60	81.30	81.20	20	222.00	60.00	1.0	C	0	18.97

- 1- with ONMU 0505... insert • 2- with S845 SNMU 1305... insert • 3- with RXMT 1607N insert • 4- with OXMT 0507R08-FF insert
- 5- with OXMT 050705-R-HP insert • Use only Torx Plus keys • For user guide, see pages 542-547

(1) Cutting diameter maximum

(2) Number of inserts

(3) Valid only with RXMT 1607N insert

(4) For adaptation options, see page 548

(5) 0 - Without coolant supply, 1 - With coolant supply

(6) Master insert identification

(7) Master insert identification 2

(8) Master insert identification 3

(9) Master insert identification 4

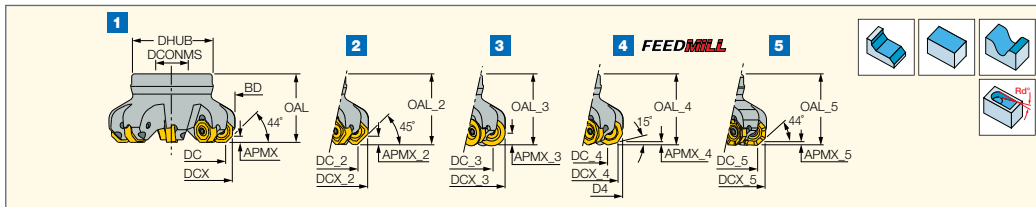
(10) Master insert identification 5

Inserts: ONHU 0505-W • ONHU/ONMU-05 • OXMT 0507 • RXMT 1607 • S845 SNHU 1305-W • S845 SNMU/SNHU-13



SOF45

Multifunction Face Mills for Octagonal, Square and Round Insert Contours with Various Entry Angles



Designation	MIID ⁽⁶⁾	MIID_2 ⁽⁷⁾	MIID_3 ⁽⁸⁾	MIID_4 ⁽⁹⁾	MIID_5 ⁽¹⁰⁾
SOF45 8/16-D040-04-22R	ONHU 050500-PL	S845 SNHU 1305ANR-M	RXMT 1607N	OXMT 0507R08-FF	OXMT 050705-R-HP
SOF45 8/16-D050-03-22R	ONHU 050500-PL	S845 SNHU 1305ANR-M	RXMT 1607N	OXMT 0507R08-FF	OXMT 050705-R-HP
SOF45 8/16-D050-04-22R	ONHU 050500-PL	S845 SNHU 1305ANR-M	RXMT 1607N	OXMT 0507R08-FF	OXMT 050705-R-HP
SOF45 8/16-D050-06-22R	ONHU 050500-PL	S845 SNHU 1305ANR-M	RXMT 1607N	OXMT 0507R08-FF	OXMT 050705-R-HP
SOF45 D050-04-22-R13	ONHU 050500-PL	S845 SNHU 1305ANR-M	RXMT 1607N	OXMT 0507R08-FF	OXMT 050705-R-HP
SOF45 8/16-D063-04-22R	ONHU 050500-PL	S845 SNHU 1305ANR-M	RXMT 1607N	OXMT 0507R08-FF	OXMT 050705-R-HP
SOF45 8/16-D063-06-22R	ONHU 050500-PL	S845 SNHU 1305ANR-M	RXMT 1607N	OXMT 0507R08-FF	OXMT 050705-R-HP
SOF45 8/16-D063-08-22R	ONHU 050500-PL	S845 SNHU 1305ANR-M	RXMT 1607N	OXMT 0507R08-FF	OXMT 050705-R-HP
SOF45 D063-06-22-R13	ONHU 050500-PL	S845 SNHU 1305ANR-M	RXMT 1607N	OXMT 0507R08-FF	OXMT 050705-R-HP
SOF45 8/16-D080-07-27R	ONHU 050500-PL	S845 SNHU 1305ANR-M	RXMT 1607N	OXMT 0507R08-FF	OXMT 050705-R-HP
SOF45 8/16-D080-10-27R	ONHU 050500-PL	S845 SNHU 1305ANR-M	RXMT 1607N	OXMT 0507R08-FF	OXMT 050705-R-HP
SOF45 D080-07-27-R13	ONHU 050500-PL	S845 SNHU 1305ANR-M	RXMT 1607N	OXMT 0507R08-FF	OXMT 050705-R-HP
SOF45 8/16-D100-08-32R	ONHU 050500-PL	S845 SNHU 1305ANR-M	RXMT 1607N	OXMT 0507R08-FF	OXMT 050705-R-HP
SOF45 8/16-D100-12-32R	ONHU 050500-PL	S845 SNHU 1305ANR-M	RXMT 1607N	OXMT 0507R08-FF	OXMT 050705-R-HP
SOF45 D100-08-32-R13	ONHU 050500-PL	S845 SNHU 1305ANR-M	RXMT 1607N	OXMT 0507R08-FF	OXMT 050705-R-HP
SOF45 8/16-D125-10-40R	ONHU 050500-PL	S845 SNHU 1305ANR-M	RXMT 1607N	OXMT 0507R08-FF	OXMT 050705-R-HP
SOF45 8/16-D125-16-40R	ONHU 050500-PL	S845 SNHU 1305ANR-M	RXMT 1607N	OXMT 0507R08-FF	OXMT 050705-R-HP
SOF45 D125-10-40-R13	ONHU 050500-PL	S845 SNHU 1305ANR-M	RXMT 1607N	OXMT 0507R08-FF	OXMT 050705-R-HP
SOF45 8/16-D160-12-40R	ONHU 050500-PL	S845 SNHU 1305ANR-M	RXMT 1607N	OXMT 0507R08-FF	OXMT 050705-R-HP
SOF45 8/16-D200-14-60R	ONHU 050500-PL	S845 SNHU 1305ANR-M	RXMT 1607N	OXMT 0507R08-FF	OXMT 050705-R-HP
SOF45 8/16-D250-16-60R	ONHU 050500-PL	S845 SNHU 1305ANR-M	RXMT 1607N	OXMT 0507R08-FF	OXMT 050705-R-HP
SOF45 8/16-D315-20-60R	ONHU 050500-PL	S845 SNHU 1305ANR-M	RXMT 1607N	OXMT 0507R08-FF	OXMT 050705-R-HP

- 1- with ONMU 0505... insert • 2- with S845 SNMU 1305... insert • 3- with RXMT 1607N insert • 4- with OXMT 0507R08-FF insert
- 5- with OXMT 050705-R-HP insert • Use only Torx Plus keys • For user guide, see pages 542-547

- (1) Cutting diameter maximum
- (2) Number of inserts
- (3) Valid only with RXMT 1607N insert
- (4) For adaptation options, see page 548
- (5) 0 - Without coolant supply, 1 - With coolant supply
- (6) Master insert identification
- (7) Master insert identification 2
- (8) Master insert identification 3
- (9) Master insert identification 4
- (10) Master insert identification 5

Inserts: ONHU 0505-W • ONHU/ONMU-05 • OXMT 0507 • RXMT 1607 • S845 SNHU 1305-W • S845 SNMU/SNHU-13

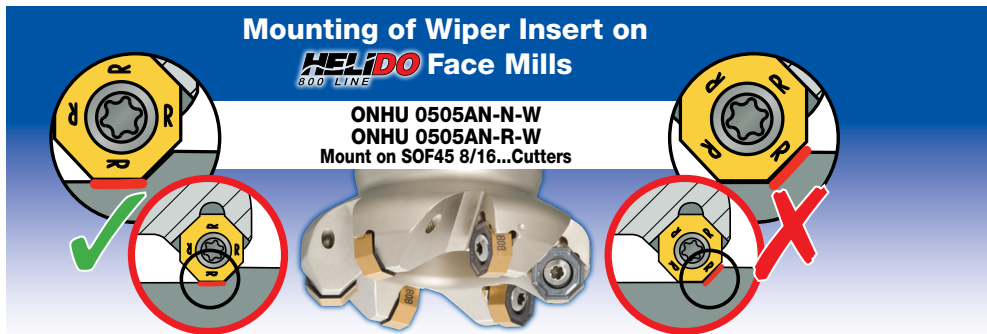
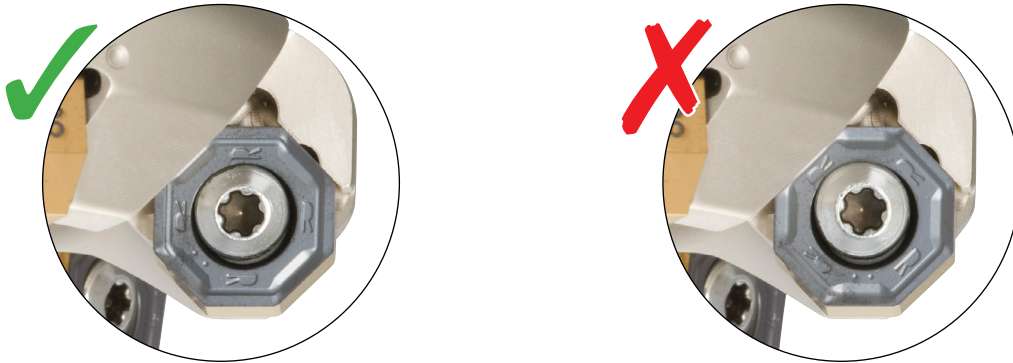
Spare Parts

Designation				
SOF45 8/16-D040-04-22R	SR 11800745	BLD IP15/S7 ⁽⁶⁾	SW6-T-SH	SR M10X25 DIN912
SOF45 8/16-D050-03-22R	SR 11800745	BLD IP15/S7 ⁽⁶⁾	SW6-T-SH	SR M10X20DIN912
SOF45 8/16-D050-04-22R	SR 11800745	BLD IP15/S7 ⁽⁶⁾	SW6-T-SH	SR M10X20DIN912
SOF45 8/16-D050-06-22R	SR 11800745	BLD IP15/S7 ⁽⁶⁾	SW6-T-SH	SR M10X20DIN912
SOF45 D050-04-22-R13	SR 11800745	BLD IP15/S7 ⁽⁶⁾	SW6-T-SH	SR M10X20DIN912
SOF45 8/16-D063-04-22R	SR 11800745	BLD IP15/S7 ⁽⁶⁾	SW6-T-SH	SR M10X25 DIN912
SOF45 8/16-D063-06-22R	SR 11800745	BLD IP15/S7 ⁽⁶⁾	SW6-T-SH	
SOF45 8/16-D063-08-22R	SR 11800745	BLD IP15/S7 ⁽⁶⁾	SW6-T-SH	
SOF45 D063-06-22-R13	SR 11800745	BLD IP15/S7 ⁽⁶⁾	SW6-T-SH	
SOF45 8/16-D080-07-27R	SR 11800745	BLD IP15/S7 ⁽⁶⁾	SW6-T-SH	
SOF45 8/16-D080-10-27R	SR 11800745	BLD IP15/S7 ⁽⁶⁾	SW6-T-SH	
SOF45 D080-07-27-R13	SR 11800745	BLD IP15/S7 ⁽⁶⁾	SW6-T-SH	
SOF45 8/16-D100-08-32R	SR 11800745	BLD IP15/S7 ⁽⁶⁾	SW6-T-SH	
SOF45 8/16-D100-12-32R	SR 11800745	BLD IP15/S7 ⁽⁶⁾	SW6-T-SH	
SOF45 D100-08-32-R13	SR 11800745	BLD IP15/S7 ⁽⁶⁾	SW6-T-SH	
SOF45 8/16-D125-10-40R	SR 11800745	BLD IP15/S7 ⁽⁶⁾	SW6-T-SH	
SOF45 8/16-D125-16-40R	SR 11800745	BLD IP15/S7 ⁽⁶⁾	SW6-T-SH	
SOF45 D125-10-40-R13	SR 11800745	BLD IP15/S7 ⁽⁶⁾	SW6-T-SH	
SOF45 8/16-D160-12-40R	SR 11800745	BLD IP15/M7 ⁽⁶⁾	SW6-T-SH	
SOF45 8/16-D200-14-60R	SR 11800745	BLD IP15/M7 ⁽⁶⁾	SW6-T-SH	
SOF45 8/16-D250-16-60R	SR 11800745	BLD IP15/M7 ⁽⁶⁾	SW6-T-SH	
SOF45 8/16-D315-20-60R	SR 11800745	BLD IP15/M7 ⁽⁶⁾	SW6-T-SH	

Wiper Inserts

Wiper inserts are used on face mill cutters, providing improved surface finish and thus eliminating the use of other finishing cutters.

- ONHU 0505AN-R-W mounted on standard SOF45 milling cutters. This insert provides 8 right-hand wiper edges.
- ONHU 0505AN-N-W mounted on SOF45 milling cutters. This insert provides 4 right-hand wiper edges to be used on standard tools and 4 left-hand wiper edges to be used on special left-hand SOF45 cutters.



- S845 SNHU 1305AN-N-W mounted on SOF45 milling cutters when the square S845 SNMU/HU 1305AN... inserts are used. This insert provides 2 right-hand and 2 left-hand wiper edges.

