

VAN CUTSEM tools

Quality tools for metalworking

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Read more about CoroMill® MS20:
sandvik.coromant.com/coromillms20



CoroMill® MS20

Shoulder milling redefined

CoroMill® MS20 boasts a robust cutter body and a dependable interface, carefully crafted using the latest production technologies with the demands of our customers in mind.

Application

- True 90 degrees repeated shoulder milling, face milling, pocket milling, corner machining, ramping, helical ramping, full slotting, and plunge milling
- For roughing and finishing operations



P M S H
ISO application areas

Features and benefits

- Secure operations thanks to the high levels of repeatability and predictability, making unmanned machining possible
- The robust and reliable interface enables secure and trouble-free machining
- Excellent dimensional control and top-level surface finish, due to the high accuracy of the concept
- Low overall tool consumption means increased cost-efficiency and a more sustainable business machining conditions

Cutter body built for confidence

Engineered for secure and predictable shoulder milling, this solution ensures stable performance even in unmanned operations.

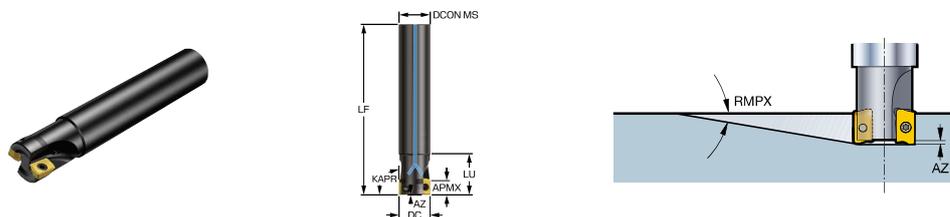
The robust interface, open pocket design and optimized chip control reduce insert stress and vibration, delivering longer tool life, excellent surface finish and consistent dimensional accuracy.





CoroMill® MS20, cutter for square shoulder milling

Cylindrical shank - Internal coolant supply



Common data values

AZ [mm]	KAPR [deg]
1.0	90.0

Metric (mm)

Ordering code	DC [mm]	APMX [mm]	RMPX [deg]	CNSC			DCON _{MS} [mm]	BD [mm]	LB [mm]	LF [mm]	LU [mm]	TQ [Nm]	RPMX [1/min]
MS20-R016A16-10L	16.00	9.0	7.70	1	2		16.00	15.4		100.00	25.00	1.6	42900
MS20-R016A16L-10L	16.00	9.0	7.70	1	2		16.00	15.4		145.00	25.00	1.6	22300
MS20-R018A16L-10L	18.00	9.0	6.20	1	2		16.00	17.4	25.0	145.00		1.6	24800
MS20-R020A20-10L	20.00	9.0	4.90	1	2		20.00	19.2		110.00	25.00	1.6	35800
MS20-R020A20-10M	20.00	9.0	4.90	1		3	20.00	19.2		110.00	25.00	1.6	35800
MS20-R020A20L-10L	20.00	9.0	4.90	1	2		20.00	19.2		170.00	40.00	1.6	18600
MS20-R022A20L-10L	22.00	9.0	4.20	1	2		20.00	21.1	30.0	170.00		1.6	20200
MS20-R025A25-10H	25.00	9.0	3.30	1		4	25.00	23.9		120.00	32.00	1.6	30500
MS20-R025A25-10L	25.00	9.0	3.30	1	2		25.00	23.9		120.00	32.00	1.6	30500
MS20-R025A25-10M	25.00	9.0	3.30	1		3	25.00	23.9		120.00	32.00	1.6	30500
MS20-R025A25L-10L	25.00	9.0	3.30	1	2		25.00	23.9		210.00	50.00	1.6	14300
MS20-R030A25L-10L	30.00	9.0	2.50	1	2		25.00	28.7	30.0	210.00		1.6	15300
MS20-R032A32-10H	32.00	9.0	2.20	1		5	32.00	30.7		130.00	40.00	1.6	25900
MS20-R032A32-10L	32.00	9.0	2.20	1	2		32.00	30.7		130.00	40.00	1.6	25900
MS20-R032A32-10M	32.00	9.0	2.20	1		3	32.00	30.7		130.00	40.00	1.6	25900
MS20-R032A32L-10L	32.00	9.0	2.20	1	2		32.00	30.7		250.00	65.00	1.6	11800
MS20-R040A32-10H	40.00	9.0	1.60	1		6	32.00	38.5	30.0	170.00		1.6	22600
MS20-R040A32-10L	40.00	9.0	1.60	1	2		32.00	38.5	30.0	170.00		1.6	22600
MS20-R040A32-10M	40.00	9.0	1.60	1		4	32.00	38.5	30.0	170.00		1.6	22600
MS20-R040A32L-10L	40.00	9.0	1.60	1	2		32.00	38.5	33.0	250.00		1.6	12800

R = Right hand, L = Left hand

Common data values

AZ [inch]	KAPR [deg]
0.039	90.0

Imperial (inch)

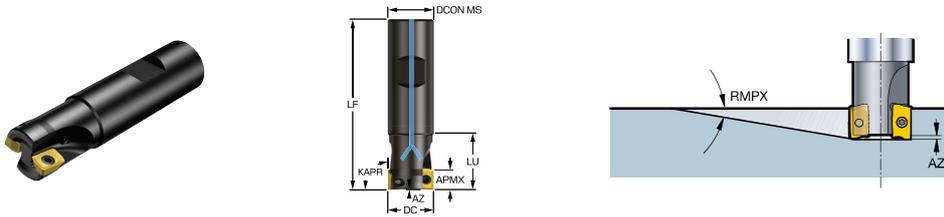
Ordering code	DC [inch]	APMX [inch]	RMPX [deg]	CNSC			DCON _{MS} [inch]	BD [inch]	LF [inch]	LU [inch]	TQ [ft]	RPMX [1/min]
MS20-AR016O16L-10L	0.625	0.354	7.80	1	2		0.625	0.602	5.625	1.000	1.2	23100
MS20-AR019O19L-10L	0.750	0.354	5.40	1	2		0.750	0.724	6.500	1.250	1.2	19100
MS20-AR025O25L-10L	1.000	0.354	3.20	1	2		1.000	0.957	8.000	2.000	1.2	16100
MS20-AR025O25L-10M	1.000	0.354	3.20	1		3	1.000	0.957	8.000	2.000	1.2	16100

R = Right hand, L = Left hand



CoroMill® MS20, cutter for square shoulder milling

Weldon shank - Internal coolant supply



Common data values

AZ [mm]	KAPR [deg]
1.0	90.0

Metric (mm)

Ordering code	DC [mm]	APMX [mm]	RMPX [deg]	CNSC			DCON _{MS} [mm]	BD [mm]	LB [mm]	LF [mm]	LU [mm]	TQ [Nm]	RPMX [1/min]
MS20-R016B16-10L	16.00	9.0	7.70	1	2		16.00	15.4		76.00		1.6	42900
MS20-R020B20-10L	20.00	9.0	4.90	1	2		20.00	19.2		80.00	25.00	1.6	35800
MS20-R020B20-10M	20.00	9.0	4.90	1		3	20.00	19.2		80.00	25.00	1.6	35800
MS20-R025B25-10H	25.00	9.0	3.30	1		4	25.00	23.9		92.00		1.6	30500
MS20-R025B25-10L	25.00	9.0	3.30	1	2		25.00	23.9		92.00	32.00	1.6	30500
MS20-R025B25-10M	25.00	9.0	3.30	1		3	25.00	23.9		92.00	32.00	1.6	30500
MS20-R032B32-10H	32.00	9.0	2.20	1		5	32.00	30.7		105.00	40.00	1.6	25900
MS20-R032B32-10M	32.00	9.0	2.20	1		3	32.00	30.7		105.00	40.00	1.6	25900
MS20-R040B32-10H	40.00	9.0	1.60	1		6	32.00	38.5	30.0	105.00		1.6	22600
MS20-R040B32-10M	40.00	9.0	1.60	1		4	32.00	38.5	30.0	105.00		1.6	22600

R = Right hand. L = Left hand

Common data values

AZ [inch]	KAPR [deg]
0.039	90.0

Imperial (inch)

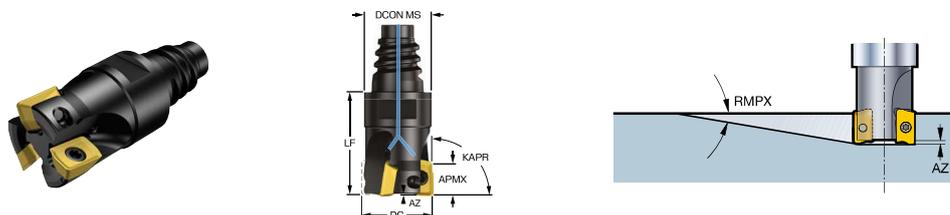
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MS20-AR016M19-10L	0.625	0.354	7.80	1	2		0.750	0.602		3.280	1.000	1.2	43200
MS20-AR019M19-10L	0.750	0.354	5.40	1	2		0.750	0.724		3.280	1.000	1.2	37200
MS20-AR019M19-10M	0.750	0.354	5.40	1		3	0.750	0.724		3.280	1.000	1.2	37200
MS20-AR025M19-10H	1.000	0.354	3.20	1		4	0.750	0.957	1.000	3.500		1.2	30200
MS20-AR025M19-10L	1.000	0.354	3.20	1	2		0.750	0.957	1.000	3.500		1.2	30200
MS20-AR025M19-10M	1.000	0.354	3.20	1		3	0.750	0.957	1.000	3.500		1.2	30200
MS20-AR025M25-10H	1.000	0.354	3.20	1		4	1.000	0.957		3.750	1.250	1.2	30200
MS20-AR025M25-10L	1.000	0.354	3.20	1	2		1.000	0.957		3.750	1.250	1.2	30200
MS20-AR025M25-10M	1.000	0.354	3.20	1		3	1.000	0.957		3.750	1.250	1.2	30200
MS20-AR032M32-10H	1.250	0.354	2.20	1		5	1.250	1.201		3.750	1.350	1.2	26000
MS20-AR032M32-10M	1.250	0.354	2.20	1		3	1.250	1.201		3.750	1.350	1.2	26000
MS20-AR038M32-10H	1.500	0.354	1.70	1		6	1.250	1.441	1.200	4.000		1.2	23200
MS20-AR038M32-10M	1.500	0.354	1.70	1		4	1.250	1.441	1.200	4.000		1.2	23200

R = Right hand. L = Left hand



CoroMill® MS20, cutter for square shoulder milling

Coromant EH - Internal coolant supply



Common data values

AZ [mm]	KAPR [deg]
1.0	90.0

Metric (mm)

Ordering code	DC [mm]	APMX [mm]	RMPX [deg]	CNSC			DCON _{MS} [mm]	BD [mm]	LF [mm]	LU [mm]	TQ [Nm]	RPMX [1/min]
MS20-R016EH16-10L	16.00	9.0	7.70	1	2		15.50	15.4	25.00	15.50	1.6	42900
MS20-R018EH16-10L	18.00	9.0	6.20	1	2		15.50	17.4	25.00		1.6	38900
MS20-R020EH20-10L	20.00	9.0	4.90	1	2		19.30	19.2	30.00	19.20	1.6	35800
MS20-R020EH20-10M	20.00	9.0	4.90	1		3	19.30	19.2	30.00	19.20	1.6	35800
MS20-R022EH20-10L	22.00	9.0	4.20	1	2		19.30	21.1	30.00		1.6	33400
MS20-R022EH20-10M	22.00	9.0	4.20	1		3	19.30	21.1	30.00		1.6	33400
MS20-R025EH25-10H	25.00	9.0	3.30	1		4	24.20	23.9	30.00	18.70	1.6	30500
MS20-R025EH25-10L	25.00	9.0	3.30	1	2		24.20	23.9	30.00	18.70	1.6	30500
MS20-R025EH25-10M	25.00	9.0	3.30	1		3	24.20	23.9	30.00	18.70	1.6	30500
MS20-R028EH25-10M	28.00	9.0	2.80	1		3	24.20	26.7	30.00		1.6	28300
MS20-R032EH25-10H	32.00	9.0	2.20	1		5	24.20	30.7	30.00		1.6	25900
MS20-R032EH25-10L	32.00	9.0	2.20	1	2		24.20	30.7	30.00		1.6	25900
MS20-R032EH25-10M	32.00	9.0	2.20	1		3	24.20	30.7	30.00		1.6	25900

R = Right hand, L = Left hand

Common data values

AZ [inch]	KAPR [deg]
0.039	90.0

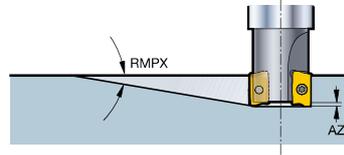
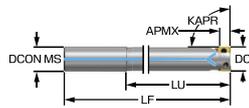
Imperial (inch)

Ordering code	DC [inch]	APMX [inch]	RMPX [deg]	CNSC			DCON _{MS} [inch]	BD [inch]	LF [inch]	LU [inch]	TQ [ft]	RPMX [1/min]
MS20-AR016EH16-10L	0.625	0.354	7.80	1	2		0.610	0.602	1.000	0.625	1.2	43200
MS20-AR019EH20-10L	0.750	0.354	5.40	1	2		0.728	0.724	1.250	0.824	1.2	37200
MS20-AR019EH20-10M	0.750	0.354	5.40	1		3	0.728	0.724	1.250	0.824	1.2	37200
MS20-AR025EH25-10H	1.000	0.354	3.20	1		4	0.965	0.957	1.250	0.800	1.2	30200
MS20-AR025EH25-10M	1.000	0.354	3.20	1		3	0.965	0.957	1.250	0.800	1.2	30200
MS20-AR032EH25-10H	1.250	0.354	2.20	1		5	0.965	1.201	1.250		1.2	26000
MS20-AR032EH25-10M	1.250	0.354	2.20	1		3	0.965	1.201	1.250		1.2	26000

R = Right hand, L = Left hand

CoroMill® MS20, Silent Tools™ cutter for square shoulder milling

Cylindrical shank - Internal coolant supply



Common data values

AZ [mm]	KAPR [deg]
1.0	90.0

Metric (mm)

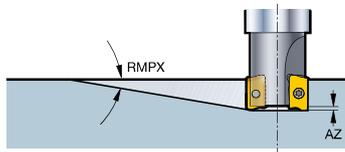
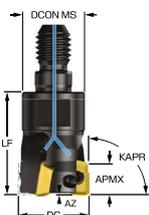
Ordering code	DC [mm]	APMX [mm]	RMPX [deg]	CNSC			DCON _{MS} [mm]	LF [mm]	LU [mm]	TQ [Nm]	RPMX [1/min]
MS20D-R020A20-10L	20.00	9.0	4.90	1	2		20.00	171.00	120.00	1.6	20000
MS20D-R020A20-10M	20.00	9.0	4.90	1		3	20.00	171.00	120.00	1.6	20000
MS20D-R025A25-10H	25.00	9.0	3.30	1		4	25.00	208.00	150.00	1.6	20000
MS20D-R025A25-10L	25.00	9.0	3.30	1	2		25.00	208.00	150.00	1.6	20000
MS20D-R025A25-10M	25.00	9.0	3.30	1		3	25.00	208.00	150.00	1.6	20000
MS20D-R032A32-10H	32.00	9.0	2.20	1		5	32.00	254.00	192.00	1.6	15000
MS20D-R032A32-10L	32.00	9.0	2.20	1	5		32.00	254.00	192.00	1.6	15000
MS20D-R032A32-10M	32.00	9.0	2.20	1		3	32.00	254.00	192.00	1.6	15000

R = Right hand. L = Left hand



CoroMill® MS20, cutter for square shoulder milling

MSSC - Internal coolant supply



Common data values

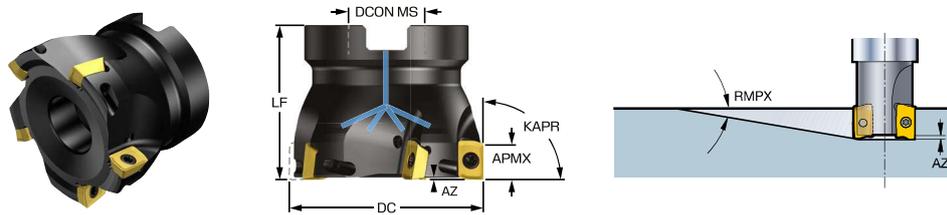
AZ [mm]	KAPR [deg]
1.0	90.0

Metric (mm)

Ordering code	DC [mm]	APMX [mm]	RMPX [deg]	CNSC			DCON _{MS} [mm]	BD [mm]	LF [mm]	TQ [Nm]	RPMX [1/min]
MS20-R016T08-10L	16.00	9.0	7.70	1	2		12.80	15.4	25.00	1.6	12700
MS20-R020T10-10L	20.00	9.0	4.90	1	2		17.80	19.2	30.00	1.6	12700
MS20-R020T10-10M	20.00	9.0	4.90	1		3	17.80	19.2	30.00	1.6	12700
MS20-R025T12-10M	25.00	9.0	3.30	1		3	20.80	23.9	35.00	1.6	12700
MS20-R032T16-10M	32.00	9.0	2.20	1		3	28.80	30.7	40.00	1.6	12700

CoroMill® MS20, cutter for square shoulder milling

Arbor - Internal coolant supply



Common data values

AZ [mm]	KAPR [deg]
1.0	90.0

Metric (mm)

Ordering code	DC [mm]	APMX [mm]	RMPX [deg]	CNSC		DCON _{MS} [mm]	DHUB [mm]	BD [mm]	LB [mm]	LF [mm]	TQ [Nm]	RPMX [1/min]	STDLET
MS20-R040Q16-10H	40.00	9.0	1.60	1	6	16.00	34.00	38.5	35.0	35.00	1.6	22600	A
MS20-R040Q16-10M	40.00	9.0	1.60	1	4	16.00	34.00	38.5	35.0	35.00	1.6	22600	A
MS20-R044Q16-10M	44.00	9.0	1.40	1	4	16.00	34.00	42.6	35.0	35.00	1.6	21300	A
MS20-R050Q22-10H	50.00	9.0	1.20	1	7	22.00	42.00	48.5	40.0	40.00	1.6	19800	A
MS20-R050Q22-10M	50.00	9.0	1.20	1	5	22.00	42.00	48.5	40.0	40.00	1.6	19800	A
MS20-R054Q22-10M	54.00	9.0	1.10	1	5	22.00	42.00	52.5	40.0	40.00	1.6	18900	A
MS20-R063Q22-10H	63.00	9.0	0.90	1	8	22.00	42.00	61.4	40.0	40.00	1.6	17300	A
MS20-R063Q22-10M	63.00	9.0	0.90	1	6	22.00	42.00	61.4	40.0	40.00	1.6	17300	A
MS20-R066Q22-10M	66.00	9.0	0.80	1	6	22.00	42.00	64.4	40.0	40.00	1.6	16900	A
MS20-R080Q27-10H	80.00	9.0	0.70	1	10	27.00	51.00	78.3		45.00	1.6	15200	A
MS20-R080Q27-10M	80.00	9.0	0.70	1	7	27.00	51.00	78.3		45.00	1.6	15200	A
MS20-R084Q27-10M	84.00	9.0	0.60	1	7	27.00	51.00	82.3		45.00	1.6	14800	A

Common data values

AZ [inch]	KAPR [deg]
0.039	90.0

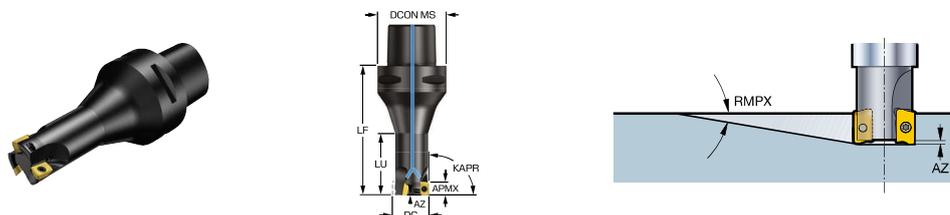
Imperial (inch)

Ordering code	DC [inch]	APMX [inch]	RMPX [deg]	CNSC		DCON _{MS} [inch]	DHUB [inch]	BD [inch]	LB [inch]	LF [inch]	TQ [ft]	RPMX [1/min]	STDLET
MS20-AR038R19-10H	1.500	0.354	1.70	1	6	0.750	1.417	1.441	1.400	1.400	1.2	23200	A
MS20-AR038R19-10M	1.500	0.354	1.70	1	4	0.750	1.417	1.441	1.400	1.400	1.2	23200	A
MS20-AR051R19-10H	2.000	0.354	1.20	1	7	0.750	1.654	1.941	1.600	1.600	1.2	19600	A
MS20-AR051R19-10M	2.000	0.354	1.20	1	5	0.750	1.654	1.941	1.600	1.600	1.2	19600	A
MS20-AR063R19-10H	2.500	0.354	0.90	1	8	0.750	1.654	2.437	1.600	1.600	1.2	17300	A
MS20-AR063R19-10M	2.500	0.354	0.90	1	6	0.750	1.654	2.437	1.600	1.600	1.2	17300	A
MS20-AR076R25-10H	3.000	0.354	0.70	1	9	1.000	2.008	2.933	1.750	1.750	1.2	15600	A
MS20-AR076R25-10M	3.000	0.354	0.70	1	7	1.000	2.008	2.933	1.750	1.750	1.2	15600	A
MS20-AR080JR25.4-10H	3.150	0.354	0.70	1	10	1.000	2.008	3.083	1.969	1.969	1.2	15200	
MS20-AR080JR25.4-10L	3.150	0.354	0.70	1	5	1.000	2.008	3.083	1.969	1.969	1.2	15200	
MS20-AR080JR25.4-10M	3.150	0.354	0.70	1	7	1.000	2.008	3.083	1.969	1.969	1.2	15200	



CoroMill® MS20, cutter for square shoulder milling

Coromant Capto® - Internal coolant supply



Common data values

AZ [mm]	KAPR [deg]
1.0	90.0

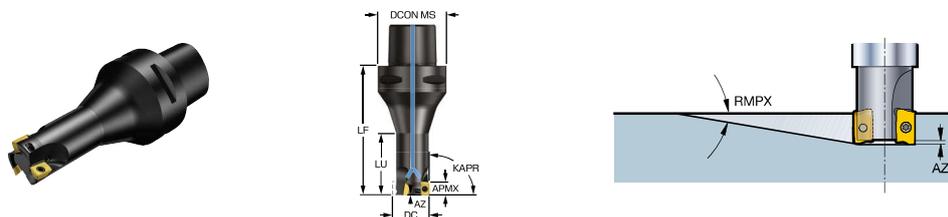
Metric (mm)

Ordering code	DC [mm]	APMX [mm]	RMPX [deg]	CNSC			DCON _{MS} [mm]	BD [mm]	LF [mm]	LU [mm]	TQ [Nm]	RPMX [1/min]
MS20-R016C3-10L	16.00	9.0	7.70	3	2		32.00	15.4	50.00	25.00	1.6	42900
MS20-R016C4-10L	16.00	9.0	7.70	3	2		40.00	15.4	60.00	25.00	1.6	39000
MS20-R020C3-10M	20.00	9.0	4.90	3		3	32.00	19.2	50.00	25.00	1.6	35800
MS20-R020C4-10L	20.00	9.0	4.90	3	2		40.00	19.2	60.00	25.00	1.6	35800
MS20-R020C5-10M	20.00	9.0	4.90	3		3	50.00	19.2	95.00	40.00	1.6	28000
MS20-R020C6-10M	20.00	9.0	4.90	3		3	63.00	19.2	110.00	40.00	1.6	20000
MS20-R025C3-10M	25.00	9.0	3.30	3		3	32.00	23.9	50.00	32.00	1.6	30500
MS20-R025C4-10M	25.00	9.0	3.30	3		3	40.00	23.9	60.00	32.00	1.6	30500
MS20-R025C5-10M	25.00	9.0	3.30	3		3	50.00	23.9	95.00	45.00	1.6	28000
MS20-R025C6-10M	25.00	9.0	3.30	3		3	63.00	23.9	110.00	45.00	1.6	20000
MS20-R032C3-10L	32.00	9.0	2.20	3	2		32.00	30.7	55.00	37.00	1.6	25900
MS20-R032C3-10M	32.00	9.0	2.20	3		3	32.00	30.7	55.00	37.00	1.6	25900
MS20-R032C4-10M	32.00	9.0	2.20	3		3	40.00	30.7	70.00	40.00	1.6	25900
MS20-R032C5-10M	32.00	9.0	2.20	3		3	50.00	30.7	70.00	40.00	1.6	25900
MS20-R032C5-10M095	32.00	9.0	2.20	3		3	50.00	30.7	95.00	50.00	1.6	25900
MS20-R032C6-10M	32.00	9.0	2.20	3		3	63.00	30.7	80.00	40.00	1.6	20000
MS20-R032C6-10M110	32.00	9.0	2.20	3		3	63.00	30.7	110.00	50.00	1.6	20000
MS20-R036C3-10M	36.00	9.0	1.90	3		3	32.00	34.6	40.00		1.6	24100
MS20-R036C3-10M075	36.00	9.0	1.90	3		3	32.00	34.6	75.00		1.6	24100
MS20-R040C4-10H	40.00	9.0	1.60	3		6	40.00	38.5	75.00	52.00	1.6	22600
MS20-R040C4-10M	40.00	9.0	1.60	3		4	40.00	38.5	75.00	52.00	1.6	22600
MS20-R040C5-10H	40.00	9.0	1.60	3		6	50.00	38.5	75.00	50.00	1.6	22600
MS20-R040C5-10M	40.00	9.0	1.60	3		4	50.00	38.5	75.00	50.00	1.6	22600
MS20-R040C6-10M	40.00	9.0	1.60	3		4	63.00	38.5	80.00	50.00	1.6	20000
MS20-R044C4-10M	44.00	9.0	1.50	3		4	40.00	42.5	50.00		1.6	21300
MS20-R044C4-10M080	44.00	9.0	1.40	3		4	40.00	42.5	80.00		1.6	21300
MS20-R050C5-10M	50.00	9.0	1.20	3		5	50.00	48.5	70.00	47.00	1.6	19800
MS20-R050C6-10M	50.00	9.0	1.20	3		5	63.00	48.5	80.00	50.00	1.6	19800
MS20-R054C5-10M	54.00	9.0	1.10	3		5	50.00	52.5	50.00		1.6	18900
MS20-R054C5-10M080	54.00	9.0	1.10	3		5	50.00	52.5	80.00		1.6	18900
MS20-R063C5-10M	63.00	9.0	0.90	3		6	50.00	61.4	50.00		1.6	17300
MS20-R063C6-10M	63.00	9.0	0.90	3		6	63.00	61.4	80.00	54.00	1.6	17300
MS20-R066C6-10M	66.00	9.0	0.80	3		6	63.00	64.4	50.00		1.6	16900
MS20-R066C6-10M080	66.00	9.0	0.80	3		6	63.00	64.4	80.00		1.6	16900



CoroMill® MS20, cutter for square shoulder milling

Coromant Capto® - Internal coolant supply



Common data values

AZ [mm]	KAPR [deg]
1.0	90.0

Metric (mm)

Ordering code	DC [mm]	APMX [mm]	RMPX [deg]	CNSC			DCON _{MS} [mm]	BD [mm]	LF [mm]	LU [mm]	TQ [Nm]	RPMX [1/min]
MS20-R080C6-10M	80.00	9.0	0.70	3		7	63.00	78.3	50.00		1.6	15200

Coromant Capto® - External coolant supply



Common data values

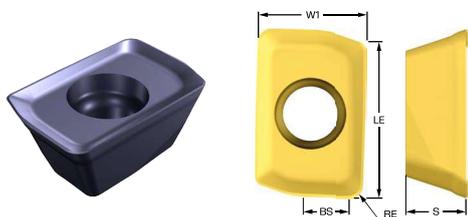
AZ [mm]	KAPR [deg]
1.0	90.0

Metric (mm)

Ordering code	DC [mm]	APMX [mm]	RMPX [deg]	CNSC			DCON _{MS} [mm]	BD [mm]	LF [mm]	TQ [Nm]	RPMX [1/min]
MS20-R044C4T-10M	44.00	9.0	1.40	3	4		40.00	48.5	35.00	1.6	21300
MS20-R054C5T-10M	54.00	9.0	1.10	3		5	50.00	52.5	35.00	1.6	18900



CoroMill® MS20, insert for milling



Metric (mm)

		P								S				H	K	M																
	Ordering code	530	4340	4330	1230	1010	1040	2040	S30T	S40T	1230	1040	2040	530	1010	4340	4330	1010	S30T	530	4340	S40T	1230	1040	2040	SSC	S	BS	RE	W1	LE	
		[mm]																														
Medium M20	MS20-10T302M-M20							●			○								○						●	10	3.60	1.2	0.2	6.7	9.1	
	MS20-10T304M-M20			●						○													○			10	3.60	1.2	0.4	6.7	9.1	
	MS20-10T308M-M20	○	○	○	●	○	○	○	●	○	○	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	10	3.60	1.2	0.8	6.7	9.1
	MS20-10T312M-M20							●			○									○					●	10	3.60	1.2	1.2	6.7	9.1	
	MS20-10T316M-M20							●	○		○	○								○			○		●	○	10	3.60	1.2	1.6	6.7	9.1
	MS20-10T320M-M20							●			○									○					●	10	3.60	1.2	2.0	6.7	9.1	
	MS20-10T324M-M20							●			○									○					●	10	3.60	1.0	2.4	6.7	9.1	
	MS20-10T331M-M20							●	○		○	○								○			○		●	○	10	3.60	0.2	3.1	6.7	9.1

● = First choice ○ = Good choice



CoroMill® MS20, insert for milling



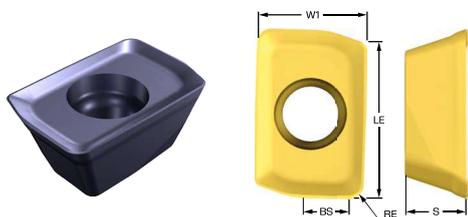
Metric (mm)

		P						S				H	K	M																
	Ordering code	530	4340	4330	1230	1010	1040	2040	S30T	S40T	1230	1040	2040	530	1010	4340	4330	1010	S30T	4340	S40T	1230	1040	2040	SSC	S	BS	RE	W1	LE
																										[mm]	[mm]	[mm]	[mm]	[mm]
Medium M30	MS20-10T302M-M30	○		●						○					○										10	3.60	1.2	0.2	6.7	9.1
	MS20-10T304M-M30	○	○	○	●					○					○	○									10	3.60	1.2	0.4	6.7	9.1
	MS20-10T308M-M30	○	○	○	●	○			●	○	○			○	●	○	○	○							10	3.60	1.2	0.8	6.7	9.1
	MS20-10T312M-M30	○		●	○				●	○	○				●	○	○								10	3.60	1.2	1.2	6.7	9.1
	MS20-10T316M-M30	○		●	○				●	○	○				●	○	○								10	3.60	1.2	1.6	6.7	9.1
	MS20-10T320M-M30	○		●	○	○			●	○	○	○			●	○	○	○	○	○	○	○	○	○	10	3.60	1.2	2.0	6.7	9.1
	MS20-10T324M-M30	○		●		○					○	○				○			○	○	○		○	○	10	3.60	1.0	2.4	6.7	9.1
	MS20-10T331M-M30	○		●	○	○	○		●	○	○	○	○		●	○	○	○	○	○	○	○	○	○	10	3.60	0.2	3.1	6.7	9.1

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CoroMill® MS20, insert for milling

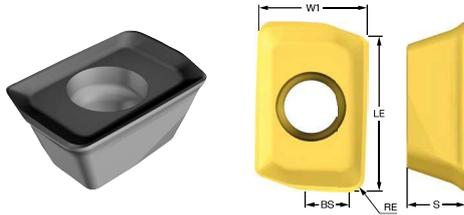


Metric (mm)

		P					K									
Ordering code		4340	4330	1230	4340	4330	SSC	S	BS	RE	W1	LE	APMX	KRINS	HAND	
								[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[deg]		
Heavy M50	MS20-10T308M-M50	●	○	○	○	○	10	3.60	1.2	0.8	6.7	9.1	9.0	90.00	Right	
	MS20-10T316M-M50	●	○	○	○	○	10	3.60	1.2	1.6	6.7	9.1	9.0	90.00	Right	

● = First choice ○ = Good choice

CoroMill® MS20, insert for milling



Metric (mm)

		S				M												
	Ordering code	S30T	S40T	1040	2040	S30T	S40T	1040	2040	SSC	S [mm]	BS [mm]	RE [mm]	W1 [mm]	LE [mm]	APMX [mm]	KRINS [deg]	HAND
		Light L50	MS20-10T304E-L50	●			○					10	3.60	1.2	0.4	6.7	9.1	9.0
MS20-10T308E-L50	●		○	○	○	○	○	○	○	10	3.60	1.2	0.8	6.7	9.1	9.0	90.00	Right
MS20-10T316E-L50	●		○	○	○	○	○	○	○	10	3.60	1.2	1.6	6.7	9.1	9.0	90.00	Right
MS20-10T324E-L50	●			○	○	○	○	○	○	10	3.60	1.0	2.4	6.7	9.1	9.0	90.00	Right
MS20-10T331E-L50	●		○	○	○	○	○	○	○	10	3.60	0.2	3.1	6.7	9.1	9.0	90.00	Right

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