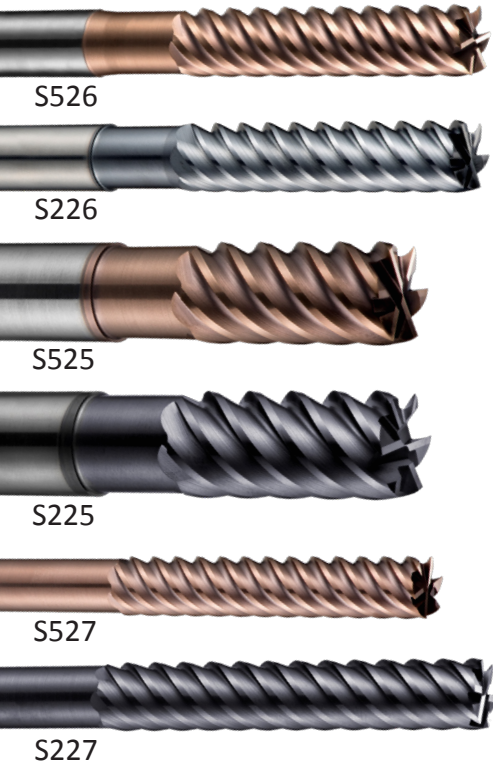


HARD MILLING TO 63 HRC

Finishing End Mills

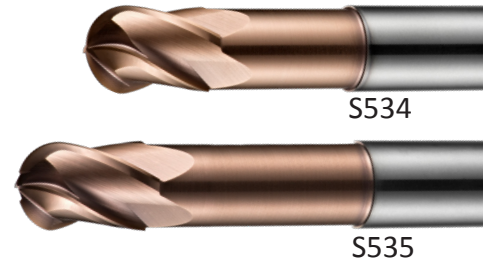


Save time and money by selecting the best tool for the job.

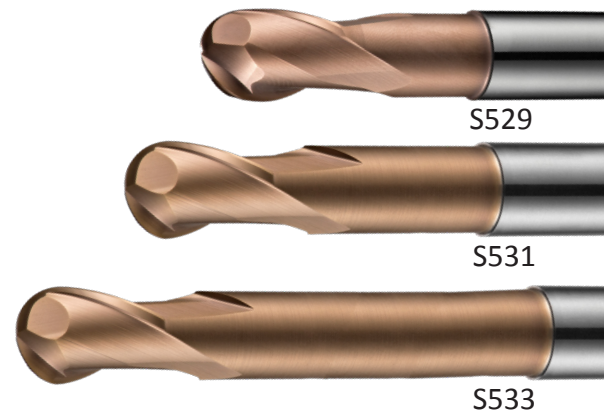
The carbide end mills highlighted on this page have been specifically manufactured to withstand the stress and high heat created when cutting through steel hardened to 63 HRC.

- Solid Carbide
- AlTiN or TiSiN coated
- DIN 6535HA shanks
- Metric sizes

4-Flute Ball-Nosed End Mills



2-Flute Ball-Nosed End Mills



Corner Radius End Mills



Style S536

TiSiN coating

4 flutes

High Feed End Mills

Solid Carbide

Shank tolerance
DIN 6535HA

S225 - Finishing End Mill

- Solid Carbide
- AlTiN
- Side Cutting



Dia mm	Shank Dia mm	Flute Length mm	OAL mm	# of Flutes	Body Lgth mm	Neck Dia mm	Ecode
3.00	6.00	8	50	6	20	2.8	S2253.0
4.00	6.00	11	50	6	20	3.7	S2254.0
6.00	6.00	15	50	6	20	5.5	S2256.0
8.00	8.00	20	64	6	30	7.4	S2258.0
10.00	10.00	22	70	6	32	9.2	S22510.0
12.00	12.00	25	75	6	37	11.0	S22512.0
14.00	14.00	30	90	6	44	13.0	S22514.0
16.00	16.00	30	90	8	46	15.0	S22516.0
18.00	18.00	35	100	8	53	17.0	S22518.0

S525 - Finishing End Mill

- Solid Carbide
- TiSiN
- Side Cutting



Dia mm	Shank Dia mm	Flute Length mm	OAL mm	# of Flutes	Body Lgth mm	Neck Dia mm	Ecode
3.00	6.00	8	50	6	20	2.8	S5253.0
4.00	6.00	11	50	6	20	3.7	S5254.0
6.00	6.00	15	50	6	20	5.5	S5256.0
8.00	8.00	20	64	6	30	7.4	S5258.0
10.00	10.00	22	70	6	32	9.2	S52510.0
12.00	12.00	25	75	6	37	11.0	S52512.0
14.00	14.00	30	90	6	44	13.0	S52514.0
16.00	16.00	30	90	8	46	15.0	S52516.0
18.00	18.00	35	100	8	53	17.0	S52518.0

S226 - Finishing End Mill

- Solid Carbide
- AlTiN
- Side Cutting



Dia mm	Shank Dia mm	Flute Length mm	OAL mm	# of Flutes	Body Lgth mm	Neck Dia mm	Ecode
3.00	6.00	19	75	6	30	2.8	S2263.0
4.00	6.00	19	75	6	32	3.7	S2264.0
6.00	6.00	31	75	6	40	5.5	S2266.0
8.00	8.00	31	75	6	40	7.4	S2268.0
10.00	10.00	45	100	6	60	9.2	S22610.0
12.00	12.00	50	100	6	60	11.0	S22612.0
14.00	14.00	57	125	6	85	13.0	S22614.0
16.00	16.00	57	125	8	85	15.0	S22616.0
18.00	18.00	57	125	8	85	17.0	S22618.0
20.00	20.00	57	125	8	85	19.0	S22620.0

S526 - Finishing End Mill

- Solid Carbide
- AlTiN
- Side Cutting



Dia mm	Shank Dia mm	Flute Length mm	OAL mm	# of Flutes	Body Lgth mm	Neck Dia mm	Ecode
3.00	6.00	19	75	6	30	2.8	S5263.0
4.00	6.00	19	75	6	32	3.7	S5264.0
6.00	6.00	31	75	6	40	5.5	S5266.0
8.00	8.00	31	75	6	40	7.4	S5268.0
10.00	10.00	45	100	6	60	9.2	S52610.0
12.00	12.00	50	100	6	60	11.0	S52612.0
14.00	14.00	57	125	6	85	13.0	S52614.0
16.00	16.00	57	125	8	85	15.0	S52616.0
18.00	18.00	57	125	8	85	17.0	S52618.0
20.00	20.00	57	125	8	85	19.0	S52620.0

S227 - Finishing End Mill

- Solid Carbide
- AlTiN
- Side Cutting



Dia mm	Shank Dia mm	Flute Length mm	OAL mm	# of Flutes	Body Lgth mm	Neck Dia mm	Ecode
6.00	6.00	38	100	6	60	5.5	S2276.0
8.00	8.00	41	100	6	60	7.4	S2278.0
10.00	10.00	57	125	6	85	9.2	S22710.0
12.00	12.00	75	150	6	110	11.0	S22712.0
14.00	14.00	75	150	6	110	13.0	S22714.0
16.00	16.00	75	150	8	110	15.0	S22716.0
18.00	18.00	75	150	8	110	17.0	S22718.0
20.00	20.00	75	150	8	110	19.0	S22720.0
18.00	18.00	57	125	8	85	17.0	S22618.0
20.00	20.00	57	125	8	85	19.0	S22620.0

S527 - Finishing End Mill

- Solid Carbide
- AlTiN
- Side Cutting



Dia mm	Shank Dia mm	Flute Length mm	OAL mm	# of Flutes	Body Lgth mm	Neck Dia mm	Ecode
3.00	6.00	25	100	6	60	2.8	S5273.0
4.00	6.00	31	100	6	60	3.7	S5274.0
6.00	6.00	38	100	6	60	5.5	S5276.0
8.00	8.00	41	100	6	60	7.4	S5278.0
10.00	10.00	57	125	6	85	9.2	S52710.0
12.00	12.00	75	150	6	110	11.0	S52712.0
14.00	14.00	75	150	6	110	13.0	S52714.0
16.00	16.00	75	150	8	110	15.0	S52716.0
18.00	18.00	75	150	8	110	17.0	S52718.0
20.00	20.00	75	150	8	110	19.0	S52720.0

S529 - Ball Nosed End Mill

- Solid Carbide
- TiSiN
- Slotting / Ramping



Dia mm	Radius +/- .02 mm	Shank Dia mm	Flute Length mm	OAL mm	# of Flutes	Body Lgth mm	Neck Dia mm	Ecode
1.50	0.75	6	3	50	2	6.0	1.4	S5291.5
2.00	1.00	4	4	40	2	8.0	1.9	S5292.0XD4
2.00	1.00	6	4	50	2	8.0	1.9	S5292.0XD6
3.00	1.50	3	5	40	2	14.0	2.8	S5293.0XD3
3.00	1.50	6	5	50	2	14.0	2.8	S5293.0XD6
4.00	2.00	4	8	50	2	20.0	3.7	S5294.0XD4
4.00	2.00	6	8	50	2	20.0	3.7	S5294.0XD6
5.00	2.50	5	9	50	2	20.0	4.6	S5295.0XD5
5.00	2.50	6	9	50	2	20.0	4.6	S5295.0XD6
6.00	3.00	6	10	50	2	20.0	5.5	S5296.0
8.00	4.00	8	12	64	2	30.0	7.4	S5298.0
10.00	5.00	10	14	70	2	32.0	9.2	S52910.0
12.00	6.00	12	16	75	2	38.0	11.0	S52912.0
14.00	7.00	14	32	90	2	44.0	13.0	S52914.0
16.00	8.00	16	32	90	2	46.0	15.0	S52916.0

S531 - Ball Nosed End Mill

- Solid Carbide
- TiSiN
- Slotting / Ramping



Dia mm	Radius +/- .02 mm	Shank Dia mm	Flute Length mm	OAL mm	# of Flutes	Body Lgth mm	Neck Dia mm	Ecode
1.50	0.75	6	3	75	2	10.0	1.4	S5311.5
2.00	1.00	4	4	75	2	14.0	1.9	S5312.0XD4
2.00	1.00	6	4	75	2	14.0	1.9	S5312.0XD6
3.00	1.50	3	5	60	2	21.0	2.8	S5313.0XD3
3.00	1.50	6	5	75	2	21.0	2.8	S5313.0XD6
4.00	2.00	4	8	60	2	28.0	3.7	S5314.0XD4
4.00	2.00	6	8	75	2	28.0	3.7	S5314.0XD6
5.00	2.50	5	9	60	2	32.0	4.6	S5315.0XD5
5.00	2.50	6	9	75	2	32.0	4.6	S5315.0XD6
6.00	3.00	6	10	75	2	40.0	5.5	S5316.0
8.00	4.00	8	12	75	2	40.0	7.4	S5318.0
10.00	5.00	10	14	75	2	40.0	9.2	S53110.0
12.00	6.00	12	16	100	2	60.0	11.0	S53112.0
14.00	7.00	14	32	125	2	80.0	13.0	S53114.0
16.00	8.00	16	32	125	2	80.0	15.0	S53116.0

S533 - Ball Nosed End Mill

- Solid Carbide
- TiSiN
- Slotting / Ramping



Dia mm	Radius +/- .02 mm	Shank Dia mm	Flute Length mm	OAL mm	# of Flutes	Body Lgth mm	Neck Dia mm	Ecode
2.00	1.00	4	4	100	2	20.0	1.9	S5332.0XD4
2.00	1.00	6	4	100	2	20.0	1.9	S5332.0XD6
3.00	1.50	4	5	100	2	30.0	2.8	S5333.0XD4
3.00	1.50	6	5	100	2	30.0	2.8	S5333.0XD6
4.00	2.00	4	8	100	2	40.0	3.7	S5334.0XD4
4.00	2.00	6	8	100	2	40.0	3.7	S5334.0XD6
5.00	2.50	5	9	100	2	50.0	4.6	S5335.0XD5
5.00	2.50	6	9	100	2	50.0	4.6	S5335.0XD6
6.00	3.00	6	10	100	2	60.0	5.5	S5336.0
8.00	4.00	8	12	100	2	60.0	7.4	S5338.0
10.00	5.00	10	14	125	2	85.0	9.2	S53310.0
12.00	6.00	12	16	125	2	85.0	11.0	S53312.0
14.00	7.00	14	32	150	2	110.0	13.0	S53314.0
16.00	8.00	16	32	150	2	110.0	15.0	S53316.0
16.00	8.00	16	32	125	2	80.0	15.0	S53116.0

S534 - Ball Nosed End Mill

- Solid Carbide
- TiSiN
- Slotting / Ramping



Dia mm	Radius +/- .02 mm	Shank Dia mm	Flute Length mm	OAL mm	# of Flutes	Body Lgth mm	Neck Dia mm	Ecode
3.00	1.50	6	5	50	4	14.0	2.8	S5343.0
4.00	2.00	6	8	50	4	20.0	3.7	S5344.0
5.00	2.50	6	9	50	4	20.0	4.6	S5345.0
6.00	3.00	6	10	50	4	20.0	5.5	S5346.0
8.00	4.00	8	12	64	4	30.0	7.4	S5348.0
10.00	5.00	10	14	70	4	32.0	9.2	S53410.0
12.00	6.00	12	16	75	4	38.0	11.0	S53412.0
14.00	7.00	14	32	90	4	44.0	13.0	S53414.0
16.00	8.00	16	32	90	4	46.0	15.0	S53416.0

S535 - Ball Nosed End Mill

- Solid Carbide
- TiSiN
- Slotting / Ramping



Dia mm	Radius +/- .02 mm	Shank Dia mm	Flute Length mm	OAL mm	# of Flutes	Body Lgth mm	Neck Dia mm	Ecode
3.00	1.50	6	5	75	4	21.0	2.8	S5353.0
4.00	2.00	6	8	75	4	28.0	3.7	S5354.0
5.00	2.50	6	9	75	4	32.0	4.6	S5355.0
6.00	3.00	6	10	75	4	40.0	5.5	S5356.0
8.00	4.00	8	12	75	4	40.0	7.4	S5358.0
10.00	5.00	10	14	75	4	40.0	9.2	S53510.0
12.00	6.00	12	16	100	4	60.0	11.0	S53512.0
14.00	7.00	14	32	125	4	80.0	13.0	S53514.0
16.00	8.00	16	32	125	4	80.0	15.0	S53516.0

S523 - Corner Radius End Mill

- Solid Carbide
- TiSiN
- Slotting, ramping



Dia mm	Radius ± 0.01 mm	Shank Dia mm	Flute Lgth mm	OAL mm	# of Flutes	Ecode
1.50	0.20	6	4.5	50	4	S5231.5XR0.2
2.00	0.20	6	6.5	50	4	S5232.0XR0.2
3.00	0.20	3	9	40	4	S5233.0XR0.2XD3
3.00	0.30	3	9	40	4	S5233.0XR0.3XD3
3.00	0.20	6	9	50	4	S5233.0XR0.2XD6
3.00	0.30	6	9	50	4	S5233.0XR0.3XD6
3.00	0.50	6	9	50	4	S5233.0XR0.5XD6
4.00	0.30	4	12	50	4	S5234.0XR0.3XD4
4.00	0.50	4	12	50	4	S5234.0XR0.5XD4
4.00	0.30	6	12	50	4	S5234.0XR0.3XD6
4.00	0.50	6	12	50	4	S5234.0XR0.5XD6
5.00	0.30	5	15	50	4	S5235.0XR0.3XD5
5.00	0.50	5	15	50	4	S5235.0XR0.5XD5
5.00	0.30	6	15	50	4	S5235.0XR0.3XD6
5.00	0.50	6	15	50	4	S5235.0XR0.5XD6
6.00	0.30	6	16	50	4	S5236.0XR0.3
6.00	0.50	6	16	50	4	S5236.0XR0.5
6.00	1.00	6	16	50	4	S5236.0XR1.0
8.00	0.30	8	20	64	4	S5238.0XR0.3
8.00	0.50	8	20	64	4	S5238.0XR0.5
8.00	1.00	8	20	64	4	S5238.0XR1.0
8.00	2.00	8	20	64	4	S5238.0XR2.0
10.00	0.50	10	22	70	4	S52310.0XR0.5
10.00	1.00	10	22	70	4	S52310.0XR1.0
10.00	1.50	10	22	70	4	S52310.0XR1.5
10.00	2.00	10	22	70	4	S52310.0XR2.0
12.00	0.50	12	25	75	4	S52312.0XR0.5
12.00	1.00	12	25	75	4	S52312.0XR1.0
12.00	2.00	12	25	75	4	S52312.0XR2.0
12.00	3.00	12	25	75	4	S52312.0XR3.0
16.00	0.50	16	32	90	4	S52316.0XR0.5
16.00	1.00	16	32	90	4	S52316.0XR1.0
16.00	2.00	16	32	90	4	S52316.0XR2.0
16.00	3.00	16	32	90	4	S52316.0XR3.0

S521 - Corner Radius End Mill

- Solid Carbide
- TiSiN
- Slotting, ramping



Dia mm	Radius ± 0.01 mm	Shank Dia mm	Flute Lgth mm	OAL mm	# of Flutes	Body Lgth mm	Neck Dia mm	Ecode
3.00	0.30	6	4	60	4	14.0	2.8	S5213.0XR0.3
4.00	0.30	6	5	60	4	16.0	3.7	S5214.0XR0.3
4.00	0.50	6	5	60	4	16.0	3.7	S5214.0XR0.5
5.00	0.30	6	6	60	4	18.0	4.6	S5215.0XR0.3
5.00	0.50	6	6	60	4	18.0	4.6	S5215.0XR0.5
6.00	0.50	6	7	60	4	20.0	5.5	S5216.0XR0.5
6.00	1.00	6	7	60	4	20.0	5.5	S5216.0XR1.0
8.00	0.50	8	9	64	4	26.0	7.4	S5218.0XR0.5
8.00	1.00	8	9	64	4	26.0	7.4	S5218.0XR1.0
10.00	1.00	10	11	70	4	31.0	9.2	S52110.0XR1.0
10.00	2.00	10	11	70	4	31.0	9.2	S52110.0XR2.0
12.00	1.00	12	13	75	4	37.0	11.0	S52112.0XR1.0
12.00	2.00	12	13	75	4	37.0	11.0	S52112.0XR2.0
16.00	1.00	16	17	90	4	43.0	15.0	S52116.0XR1.0
16.00	2.00	16	17	90	4	43.0	15.0	S52116.0XR2.0
16.00	3.00	16	17	90	4	43.0	15.0	S52116.0XR3.0

S524 - Corner Radius End Mill

- Solid Carbide
- TiSiN
- Slotting, ramping



Dia mm	Radius ± 0.01 mm	Shank Dia mm	Flute Lgth mm	OAL mm	# of Flutes	Body Lgth mm	Neck Dia mm	Ecode
3.00	0.30	6	5	75	4	30.0	2.8	S5243.0XR0.3
4.00	0.30	6	8	75	4	32.0	3.7	S5244.0XR0.3
4.00	0.50	6	8	75	4	32.0	3.7	S5244.0XR0.5
5.00	0.30	6	9	75	4	32.0	4.6	S5245.0XR0.3
5.00	0.50	6	9	75	4	32.0	4.6	S5245.0XR0.5
6.00	0.30	6	10	75	4	40.0	5.5	S5246.0XR0.3
6.00	0.50	6	10	75	4	40.0	5.5	S5246.0XR0.5
6.00	1.00	6	10	75	4	40.0	5.5	S5246.0XR1.0
8.00	0.30	8	12	75	4	40.0	7.4	S5248.0XR0.3
8.00	0.50	8	12	75	4	40.0	7.4	S5248.0XR0.5
8.00	1.00	8	12	75	4	40.0	7.4	S5248.0XR1.0
10.00	0.50	10	14	75	4	40.0	9.2	S52410.0XR0.5
10.00	1.00	10	14	75	4	40.0	9.2	S52410.0XR1.0
10.00	2.00	10	14	75	4	40.0	9.2	S52410.0XR2.0
12.00	0.50	12	16	100	4	60.0	11.0	S52412.0XR0.5
12.00	1.00	12	16	100	4	60.0	11.0	S52412.0XR1.0
12.00	2.00	12	16	100	4	60.0	11.0	S52412.0XR2.0
16.00	0.50	16	22	125	4	85.0	15.0	S52416.0XR0.5
16.00	1.00	16	22	125	4	85.0	15.0	S52416.0XR1.0
16.00	2.00	16	22	125	4	85.0	15.0	S52416.0XR2.0
16.00	3.00	16	22	125	4	85.0	15.0	S52416.0XR3.0

S536 - High Feed End Mill

- Solid Carbide
- TiSiN
- Finishing



Dia mm	Radius ± 0.01 mm	Shank Dia mm	Flute Lgth mm	OAL mm	# of Flutes	Body Lgth mm	Neck Dia mm	Ecode
6.00	1.00	6	6	60	4	20.0	5.5	S5366.0XR1.0
8.00	2.00	8	8	64	4	24.0	7.4	S5368.0XR2.0
10.00	2.00	10	10	70	4	30.0	9.2	S53610.0XR2.0
12.00	2.00	12	12	75	4	30.0	11.0	S53612.0XR2.0