

HARD MILLING TO 63 HRC



**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 milling steel hardened to 63 HRC.

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

Style
S536

Shank tolerance
DIN 6535HA

4-Flute Ball-Nosed End Mills



S534



S535

2-Flute Ball-Nosed End Mills



S529



S531



S533

TiSiN coating

4 flutes

High Feed End Mills

Solid Carbide

Finishing End Mills



S526



S525



S527

Corner Radius End Mills



S524



S521



S523

Dormer Pramet Authorized Distributor

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
20.00	20.00	38	100	8	58	19	S52520.0

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

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

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

S533 - Ball Nosed End Mill

- Solid Carbide
- TiSiN
- Slotting / Ramping



Dia mm	Radius +/-0.02 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

S531 - Ball Nosed End Mill

- Solid Carbide
- TiSiN
- Slotting / Ramping



Dia mm	Radius +/-0.02 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

S535 - Ball Nosed End Mill

- Solid Carbide
- TiSiN
- Slotting / Ramping



Dia mm	Radius +/-0.02 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

S534 - Ball Nosed End Mill

- Solid Carbide
- TiSiN
- Slotting / Ramping



Dia mm	Radius +/-0.02 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

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

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

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