

MPS

Double margin type

- From 3—40 l/d hole depth.
- MPS double margin type for accurate and reliable drilling.
- All drills with through coolant holes as standard.



CARBIDE

Carbon Steel Alloy Steel	Hardened Steel	Stainless Steel	Cast Iron	Light Alloy	Heat Resistant Alloy
◎		○	◎	○	○

	3 ≤ D1 ≤ 6	6 < D1 ≤ 10	10 < D1 ≤ 18	18 < D1 ≤ 20
DIN type	+0.010 -0.002	+0.010 -0.005	+0.005 -0.013	+0.005 -0.016
Others	0 -0.012	0 -0.015	0 -0.018	0 -0.021
h6	0 -0.008	0 -0.009	0 -0.011	0 -0.013



● Type 1 Cylindrical shank type

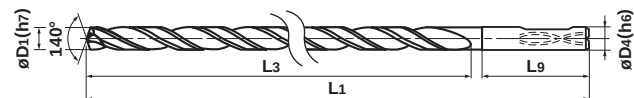


MPS---S/L-DIN-C (l/d 3—5)

MPS---L (l/d 8—40)

Drill Dia. D1 (mm)	Hole Depth (l/d)	Stock VP15TF	Order Number	Dimensions (mm)				Type
				L1	L3	L9	D4	
3.0	3	●	MPS0300S-DIN	62	20	36	6	2
	3	●	MPS0300S-DIN-C	62	20	36	6	1
	5	●	MPS0300L-DIN	66	28	36	6	2
	5	●	MPS0300L-DIN-C	66	28	36	6	1
	8	●	MPS0300-L8C	74	34	36	6	1
	10	●	MPS0300-L10C	80	40	36	6	1
	12	●	MPS0300-L12C	86	46	36	6	1
	15	●	MPS0300-L15C	95	55	36	6	1
	20	●	MPS0300-L20C	110	70	36	6	1
	25	●	MPS0300-L25C	125	85	36	6	1
3.05	30	●	MPS0300-L30C	140	100	36	6	1
	35	□	MPS0300-L35C	159	116	36	6	1
	40	●	MPS0300-L40C	174	131	36	6	1
	3	●	MPS0305S-DIN	62	20	36	6	2
3.1	3	●	MPS0305S-DIN-C	62	20	36	6	1
	5	●	MPS0305L-DIN	66	28	36	6	2
	5	●	MPS0305L-DIN-C	66	28	36	6	1
	3	●	MPS0310S-DIN	62	20	36	6	2
3.1	3	●	MPS0310S-DIN-C	62	20	36	6	1
	5	●	MPS0310L-DIN	66	28	36	6	2
	5	●	MPS0310L-DIN-C	66	28	36	6	1
	8	●	MPS0310-L8C	80	40	36	6	1
	10	□	MPS0310-L10C	87	47	36	6	1
	12	●	MPS0310-L12C	94	54	36	6	1
	15	●	MPS0310-L15C	104	64	36	6	1
	20	□	MPS0310-L20C	122	82	36	6	1
	25	□	MPS0310-L25C	139	99	36	6	1
	30	□	MPS0310-L30C	157	117	36	6	1
3.2	35	□	MPS0310-L35C	176	126	36	6	1
	40	□	MPS0310-L40C	191	141	36	6	1
	3	●	MPS0320S-DIN	62	20	36	6	2
	3	●	MPS0320S-DIN-C	62	20	36	6	1
3.2	5	●	MPS0320L-DIN	66	28	36	6	2
	5	●	MPS0320L-DIN-C	66	28	36	6	1
	8	●	MPS0320-L8C	80	40	36	6	1
	10	□	MPS0320-L10C	87	47	36	6	1
	12	●	MPS0320-L12C	94	54	36	6	1
	15	●	MPS0320-L15C	104	64	36	6	1
	20	□	MPS0320-L20C	122	82	36	6	1
	25	□	MPS0320-L25C	139	99	36	6	1
	30	□	MPS0320-L30C	157	117	36	6	1
	3	●	MPS0320S-DIN	62	20	36	6	2
3.2	3	●	MPS0320S-DIN-C	62	20	36	6	1
	5	●	MPS0320L-DIN	66	28	36	6	2
	5	●	MPS0320L-DIN-C	66	28	36	6	1
	8	●	MPS0320-L8C	80	40	36	6	1
	10	□	MPS0320-L10C	87	47	36	6	1
	12	●	MPS0320-L12C	94	54	36	6	1
	15	●	MPS0320-L15C	104	64	36	6	1
	20	□	MPS0320-L20C	122	82	36	6	1
	25	□	MPS0320-L25C	139	99	36	6	1
	30	□	MPS0320-L30C	157	117	36	6	1

● Type 2 Whistle notch shank type



MPS---S/L-DIN (l/d 3—5)

Drill Dia. D1 (mm)	Hole Depth (l/d)	Stock		Order Number	Dimensions (mm)				Type
		VP15TF			L1	L3	L9	D4	
3.2	35	☐		MPS0320-L35C	176	126	36	6	1
	40	☐		MPS0320-L40C	191	141	36	6	1
3.3	3	☒		MPS0330S-DIN	62	20	36	6	2
	3	☒		MPS0330S-DIN-C	62	20	36	6	1
	5	☒		MPS0330L-DIN	66	28	36	6	2
	5	☒		MPS0330L-DIN-C	66	28	36	6	1
	8	☒		MPS0330-L8C	80	40	36	6	1
	10	☐		MPS0330-L10C	87	47	36	6	1
	12	☒		MPS0330-L12C	94	54	36	6	1
	15	☒		MPS0330-L15C	104	64	36	6	1
	20	☐		MPS0330-L20C	122	82	36	6	1
	25	☐		MPS0330-L25C	139	99	36	6	1
	30	☒		MPS0330-L30C	157	117	36	6	1
	35	☐		MPS0330-L35C	176	135	36	6	1
40	☐		MPS0330-L40C	191	151	36	6	1	
3.4	3	☒		MPS0340S-DIN	62	20	36	6	2
	3	☒		MPS0340S-DIN-C	62	20	36	6	1
	5	☒		MPS0340L-DIN	66	28	36	6	2
	5	☒		MPS0340L-DIN-C	66	28	36	6	1
	8	☒		MPS0340-L8C	80	40	36	6	1
	10	☐		MPS0340-L10C	87	47	36	6	1
	12	☒		MPS0340-L12C	94	54	36	6	1
	15	☒		MPS0340-L15C	104	64	36	6	1
	20	☐		MPS0340-L20C	122	82	36	6	1
	25	☐		MPS0340-L25C	139	99	36	6	1
	30	☐		MPS0340-L30C	157	117	36	6	1
	35	☐		MPS0340-L35C	176	135	36	6	1
40	☐		MPS0340-L40C	191	151	36	6	1	
3.5	3	☒		MPS0350S-DIN	62	20	36	6	2
	3	☒		MPS0350S-DIN-C	62	20	36	6	1
	5	☒		MPS0350L-DIN	66	28	36	6	2
	5	☒		MPS0350L-DIN-C	66	28	36	6	1
	8	☒		MPS0350-L8C	80	40	36	6	1
	10	☐		MPS0350-L10C	87	47	36	6	1
	12	☒		MPS0350-L12C	94	54	36	6	1
	15	☒		MPS0350-L15C	104	64	36	6	1
	20	☒		MPS0350-L20C	122	82	36	6	1
	25	☐		MPS0350-L25C	139	99	36	6	1
	30	☐		MPS0350-L30C	157	117	36	6	1
	35	☐		MPS0350-L35C	176	135	36	6	1
40	☒		MPS0350-L40C	191	151	36	6	1	

DRILLING

● : Inventory maintained. □ : Non stock, produced to order only.

CUTTING CONDITIONS > L053
TECHNICAL DATA > N001