

# DRS DRILLING SYSTEM

High-performance solution for universal use.

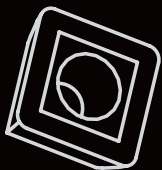
ISO

P

M

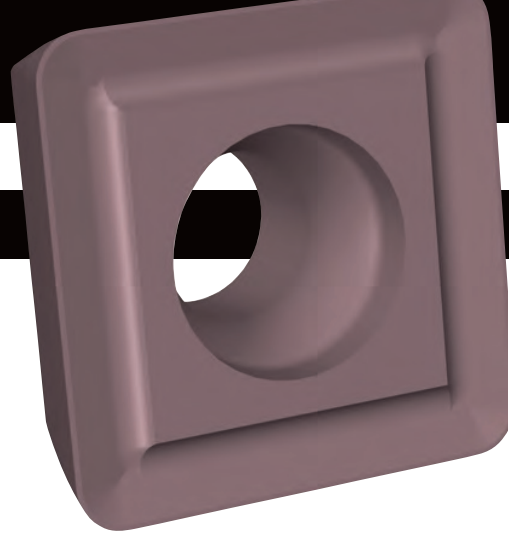
K

- 2xD
- 3xD
- 4xD



4 edges

**nixko**TOOLS



# DRS DRILLING SYSTEM

High-performance solution for universal use.



- High-performance drilling system featuring 4-edged SPMX inserts, for enhanced versatility and massive cost reduction.
- Cutting geometry optimized to efficiently machine ISO P, M and K material classes, allowing high process stability and reduced cutting forces.
- New micrograin carbide for universal use, allowing an outstandingly stable cut even on heavy-duty applications.



- Sistema di foratura ad alte prestazioni estremamente versatile ed economico grazie all'inserto a 4 taglienti SPMX.
- Geometria ottimizzata per impiego generico su materiali ISO P, M e K in grado di garantire eccezionale stabilità e ridotti sforzi di taglio.
- Nuovo grado di metallo duro micrograna per impiego universale, garantisce eccezionale stabilità anche su lavorazioni gravose.



- Hochleistungs-Bohrsystem mit 4 schneidigen SPMX Wendeschneidplatten für verbesserte Vielseitigkeit und massiven Kostenreduktion.
- Optimierte Geometrie für den allgemeinen Gebrauch von Materialien ISO P, M und K, so dass eine hohe Prozessstabilität und reduzierte Schnittkraft ermöglicht wird.
- Neuer Feinstkorn-Hartmetall für den universellen Einsatz, garantiert einen außerordentlichen stabilen Schnitt sogar bei der Schwerzer-spannung.



- Système de perçage haute-performance, extrêmement flexible et économique, grâce aux plaquettes à 4 arêtes SPMX.
- Géométrie de coupe optimisée pour utilisation sur matières ISO P, M et K, qui assure une excellente stabilité et un réduit effort de coupe.
- Nouvelle nuance carbure pour utilisation universelle, qui garantit une grande stabilité aussi dans l'usinage lourd.



- Sistema de taladrado extremadamente versátil, de alto rendimiento y económico gracias a la placa con 4 filos de corte SPMX.
- Geometría optimizada para el uso general en materiales ISO P, M y K que garantiza una estabilidad excepcional y la reducción de los esfuerzos de corte.
- Nuevo grado de metal duro micrograno de uso universal que asegura una estabilidad excepcional hasta en el mecanizado más pesado.



- Высокопроизводительная система сверления с 4мя режущими кромками с пластинами SPMX, обеспечивает существенное сокращение затрат.
- Режущая геометрия оптимизирована для обработки материалов групп ISO P, M и K и обеспечивает высокую стабильность обработки и малые режущие усилия.
- Новый Универсальный твёрдый сплав обеспечивает высокую стабильность даже при обработке сложных материалов.

INSERTS

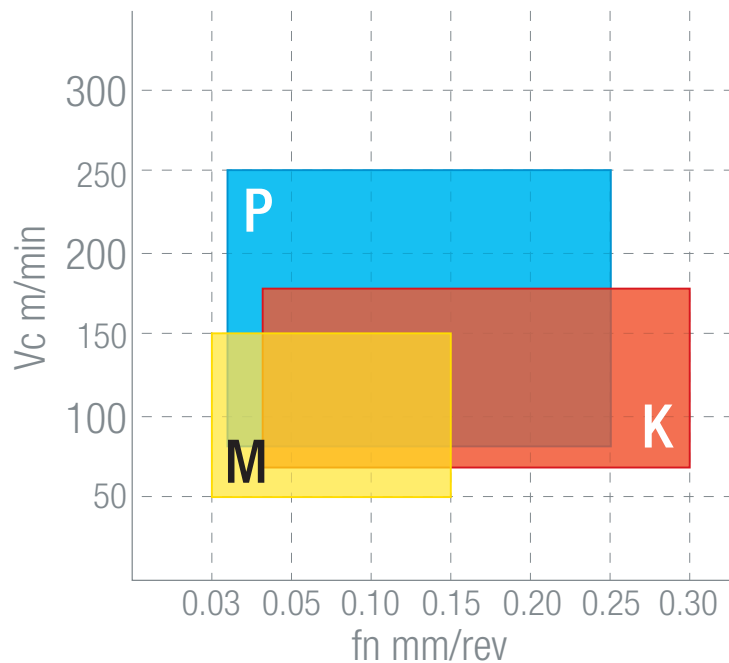
DESCRIPTION						HC													
		IC	T	r	Ød	JP5625													
GP 	SPMX 050204-GP	5.00	2.38	0.4	2.50	●													
	060204-GP	6.00	2.38	0.4	2.80	●													
	07T308-GP	7.94	3.97	0.8	2.80	●													
	090408-GP	9.80	4.30	0.8	4.10	●													
	110408-GP	11.50	4.76	0.8	4.40	●													
	140512-GP	14.30	5.20	1.2	5.50	●													

● stock standard

HC: coated carbide

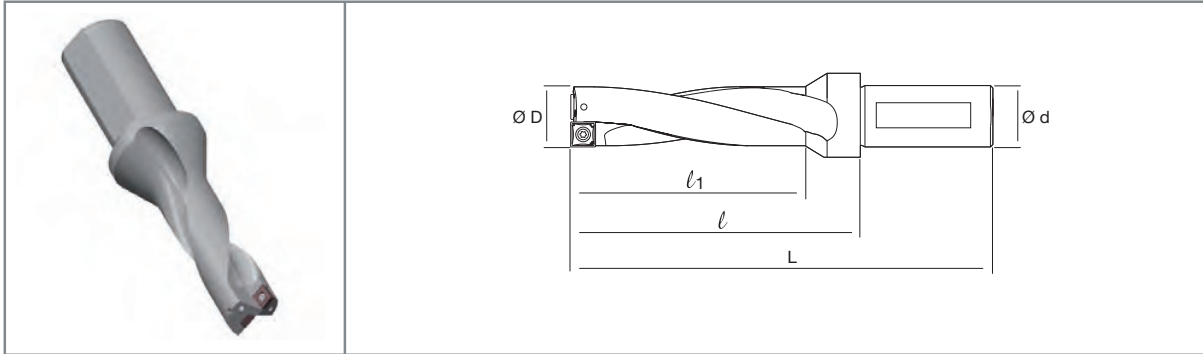
JP: PVD coating

JP5625 APPLICATION CHART



# DRS DRILLING SYSTEM

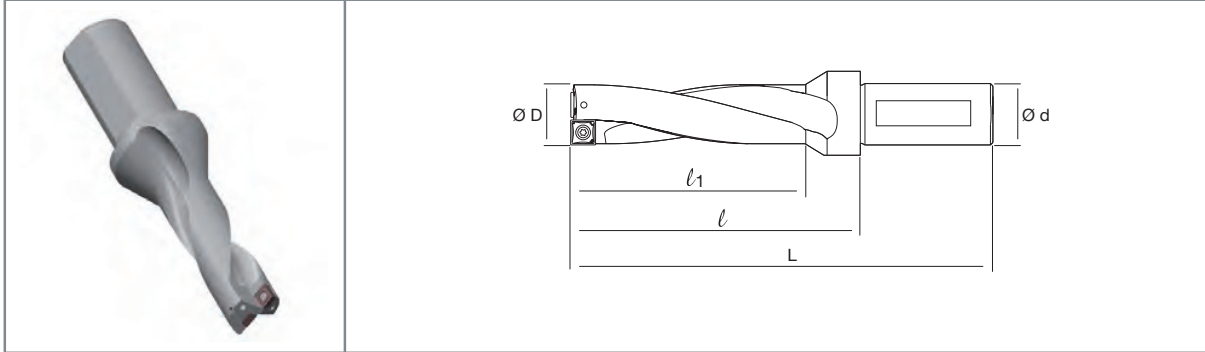
## HOLDERS 2XD



SP□□	DESCRIPTION	STOCK	DIMENSIONS							TORQUE Nm					
			ØD	Ød	L	l	l <sub>1</sub>								
SPMX0502	NT-DRS-2D D12.50-S20-05	○	12.5	20	94	44	26	NT-ST059	NT-FTB06	0.50					
		●	13	20	94	44	26	NT-ST059	NT-FTB06	0.50					
		○	13.5	20	96	46	28	NT-ST059	NT-FTB06	0.50					
		●	14	20	96	46	28	NT-ST059	NT-FTB06	0.50					
		○	14.5	20	99	49	30	NT-ST059	NT-FTB06	0.50					
SPMX0602	NT-DRS-2D D15.50-S25-06	○	15.5	25	108	52	32	NT-ST061	NT-FTB06	0.50					
		●	16	25	108	52	32	NT-ST061	NT-FTB06	0.50					
		○	16.5	25	110	54	34	NT-ST061	NT-FTB06	0.50					
		●	17	25	110	54	34	NT-ST061	NT-FTB06	0.50					
		○	17.5	25	113	57	36	NT-ST061	NT-FTB06	0.50					
		●	18	25	113	57	36	NT-ST061	NT-FTB06	0.50					
		○	18.5	25	115	59	38	NT-ST061	NT-FTB06	0.50					
		●	19	25	115	59	38	NT-ST061	NT-FTB06	0.50					
		○	19.5	25	119	63	40	NT-ST061	NT-FTB06	0.50					
		●	20	25	119	63	40	NT-ST061	NT-FTB06	0.50					
		○	20.5	25	121	65	42	NT-ST061	NT-FTB06	0.50					
SPMX07T3	NT-DRS-2D D21.00-S25-06	●	21	25	121	65	42	NT-ST061	NT-FTB06	0.50					
		○	21.5	25	123	67	44	NT-ST061	NT-FTB06	0.50					
		●	22	25	123	67	44	NT-ST062	NT-FTB07	0.80					
		○	22.5	32	131	71	46	NT-ST062	NT-FTB07	0.80					
		●	23	32	131	71	46	NT-ST062	NT-FTB07	0.80					
		○	23.5	32	134	74	48	NT-ST062	NT-FTB07	0.80					
		●	24	32	134	74	48	NT-ST062	NT-FTB07	0.80					
		○	24.5	32	137	77	50	NT-ST062	NT-FTB07	0.80					
		●	25	32	137	77	50	NT-ST062	NT-FTB07	0.80					
		○	25.5	32	139	79	52	NT-ST062	NT-FTB07	0.80					
		●	26	32	139	79	52	NT-ST062	NT-FTB07	0.80					
SPMX0904	NT-DRS-2D D26.50-S32-07	○	26.5	32	141	81	54	NT-ST062	NT-FTB07	0.80					
		●	27	32	141	81	54	NT-ST062	NT-FTB07	0.80					
		○	27.5	32	144	84	56	NT-ST062	NT-FTB07	0.80					
		●	28	32	144	84	56	NT-ST063	NT-FTB15	3.50					
		○	28.5	32	146	86	58	NT-ST063	NT-FTB15	3.50					
		●	29	32	146	86	58	NT-ST063	NT-FTB15	3.50					
		○	29.5	32	151	91	60	NT-ST063	NT-FTB15	3.50					
		●	30	32	151	91	60	NT-ST063	NT-FTB15	3.50					
		●	31	32	154	94	62	NT-ST063	NT-FTB15	3.50					
		●	32	32	156	96	64	NT-ST063	NT-FTB15	3.50					
		●	33	32	159	99	66	NT-ST063	NT-FTB15	3.50					

● stock standard; ○ non stock standard

# HOLDERS 2XD

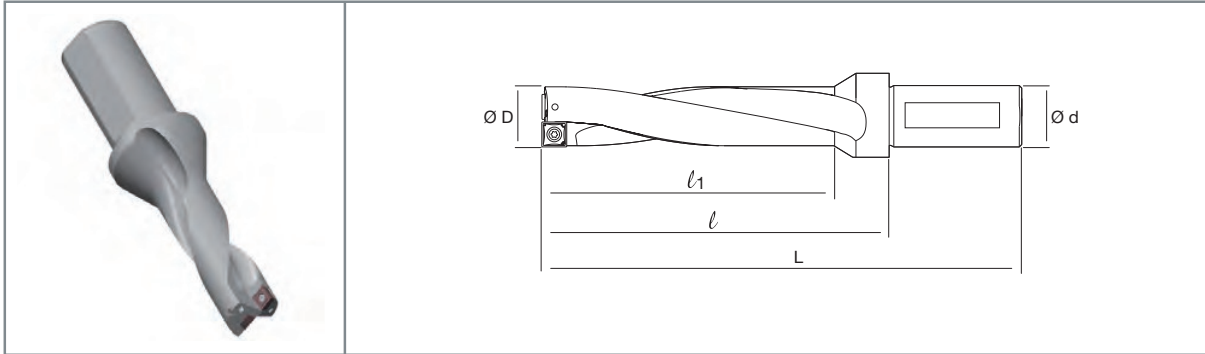


SP□□	DESCRIPTION	STOCK	DIMENSIONS							TORQUE Nm					
			ØD	Ød	L	l	l <sub>1</sub>								
SPMX1104	NT-DRS-2D D34.00-S40-11	●	34	40	171	101	68	NT-ST064	NT-FTB15	3.50					
	D35.00-S40-11	●	35	40	174	104	70	NT-ST064	NT-FTB15	3.50					
	D36.00-S40-11	●	36	40	177	107	72	NT-ST064	NT-FTB15	3.50					
	D37.00-S40-11	●	37	40	180	110	74	NT-ST064	NT-FTB15	3.50					
	D38.00-S40-11	●	38	40	183	113	76	NT-ST064	NT-FTB15	3.50					
	D39.00-S40-11	●	39	40	185	115	78	NT-ST064	NT-FTB15	3.50					
	D40.00-S40-11	●	40	40	188	118	80	NT-ST064	NT-FTB15	3.50					
	D41.00-S40-11	●	41	40	191	121	82	NT-ST064	NT-FTB15	3.50					
SPMX1405	NT-DRS-2D D42.00-S40-14	●	42	40	193	123	84	NT-ST066	NT-FTB20	4.50					
	D43.00-S40-14	●	43	40	196	126	86	NT-ST066	NT-FTB20	4.50					
	D44.00-S40-14	●	44	40	198	128	88	NT-ST066	NT-FTB20	4.50					
	D45.00-S40-14	●	45	40	202	132	90	NT-ST066	NT-FTB20	4.50					
	D46.00-S40-14	●	46	40	205	135	92	NT-ST066	NT-FTB20	4.50					
	D47.00-S40-14	●	47	40	207	137	94	NT-ST066	NT-FTB20	4.50					
	D48.00-S40-14	●	48	40	210	140	96	NT-ST066	NT-FTB20	4.50					
	D49.00-S40-14	●	49	40	212	142	98	NT-ST066	NT-FTB20	4.50					
	D50.00-S40-14	●	50	40	215	145	100	NT-ST066	NT-FTB20	4.50					

● stock standard

# DRS DRILLING SYSTEM

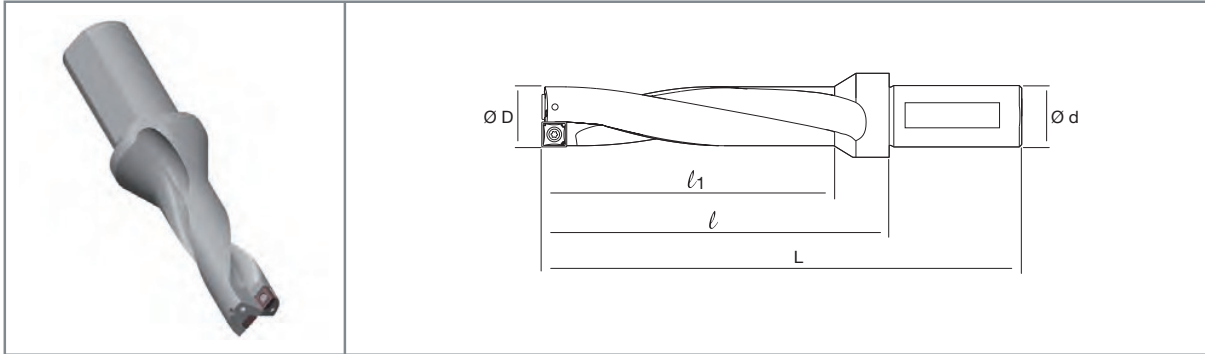
## HOLDERS 3XD



SP□□	DESCRIPTION	STOCK	DIMENSIONS							TORQUE Nm						
			ØD	Ød	L	l	l <sub>1</sub>									
SPMX0502	NT-DRS-3D D12.50-S20-05	●	12.5	20	107	57	39	NT-ST059	NT-FTB06	0.50						
	D13.00-S20-05	●	13	20	107	57	39	NT-ST059	NT-FTB06	0.50						
	D13.50-S20-05	●	13.5	20	110	60	42	NT-ST059	NT-FTB06	0.50						
	D14.00-S20-05	●	14	20	110	60	42	NT-ST059	NT-FTB06	0.50						
	D14.50-S20-05	●	14.5	20	114	64	45	NT-ST059	NT-FTB06	0.50						
	D15.00-S20-05	●	15	20	114	64	45	NT-ST059	NT-FTB06	0.50						
SPMX0602	NT-DRS-3D D15.50-S25-06	●	15.5	25	124	68	48	NT-ST061	NT-FTB06	0.50						
	D16.00-S25-06	●	16	25	124	68	48	NT-ST061	NT-FTB06	0.50						
	D16.50-S25-06	●	16.5	25	127	71	51	NT-ST061	NT-FTB06	0.50						
	D17.00-S25-06	●	17	25	127	71	51	NT-ST061	NT-FTB06	0.50						
	D17.50-S25-06	●	17.5	25	131	75	54	NT-ST061	NT-FTB06	0.50						
	D18.00-S25-06	●	18	25	131	75	54	NT-ST061	NT-FTB06	0.50						
	D18.50-S25-06	●	18.5	25	134	78	57	NT-ST061	NT-FTB06	0.50						
	D19.00-S25-06	●	19	25	134	78	57	NT-ST061	NT-FTB06	0.50						
	D19.50-S25-06	●	19.5	25	139	83	60	NT-ST061	NT-FTB06	0.50						
	D20.00-S25-06	●	20	25	139	83	60	NT-ST061	NT-FTB06	0.50						
	D20.50-S25-06	●	20.5	25	142	86	63	NT-ST061	NT-FTB06	0.50						
	D21.00-S25-06	●	21	25	142	86	63	NT-ST061	NT-FTB06	0.50						
SPMX07T3	NT-DRS-3D D22.00-S25-07	●	22	25	145	89	66	NT-ST062	NT-FTB07	0.80						
	D22.50-S32-07	●	22.5	32	154	94	69	NT-ST062	NT-FTB07	0.80						
	D23.00-S32-07	●	23	32	154	94	69	NT-ST062	NT-FTB07	0.80						
	D23.50-S32-07	●	23.5	32	158	98	72	NT-ST062	NT-FTB07	0.80						
	D24.00-S32-07	●	24	32	158	98	72	NT-ST062	NT-FTB07	0.80						
	D24.50-S32-07	●	24.5	32	162	102	75	NT-ST062	NT-FTB07	0.80						
	D25.00-S32-07	●	25	32	162	102	75	NT-ST062	NT-FTB07	0.80						
	D25.50-S32-07	●	25.5	32	165	105	78	NT-ST062	NT-FTB07	0.80						
	D26.00-S32-07	●	26	32	165	105	78	NT-ST062	NT-FTB07	0.80						
	D26.50-S32-07	●	26.5	32	168	108	81	NT-ST062	NT-FTB07	0.80						
	D27.00-S32-07	●	27	32	168	108	81	NT-ST062	NT-FTB07	0.80						
SPMX0904	NT-DRS-3D D27.50-S32-07	●	27.5	32	172	112	84	NT-ST062	NT-FTB07	0.80						
	D28.00-S32-09	●	28	32	172	112	84	NT-ST063	NT-FTB15	3.50						
	D28.50-S32-09	●	28.5	32	175	115	87	NT-ST063	NT-FTB15	3.50						
	D29.00-S32-09	●	29	32	175	115	87	NT-ST063	NT-FTB15	3.50						
	D29.50-S32-09	●	29.5	32	181	121	90	NT-ST063	NT-FTB15	3.50						
	D30.00-S32-09	●	30	32	181	121	90	NT-ST063	NT-FTB15	3.50						
	D31.00-S32-09	●	31	32	185	125	93	NT-ST063	NT-FTB15	3.50						
D32.00-S32-09	●	32	32	188	128	96	NT-ST063	NT-FTB15	3.50							
D33.00-S32-09	●	33	32	192	132	99	NT-ST063	NT-FTB15	3.50							

● stock standard

# HOLDERS 3XD

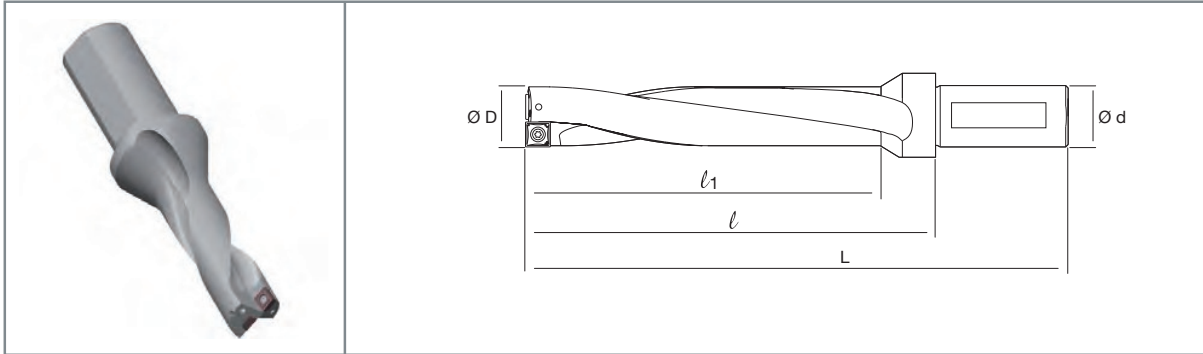


SP□□	DESCRIPTION	STOCK	DIMENSIONS								TORQUE Nm							
			ØD	Ød	L	l	l <sub>1</sub>											
SPMX1104	NT-DRS-3D D34.00-S40-11	●	34	40	205	135	102	NT-ST064	NT-FTB15	3.50								
	D35.00-S40-11	●	35	40	209	139	105	NT-ST064	NT-FTB15	3.50								
	D36.00-S40-11	●	36	40	213	143	108	NT-ST064	NT-FTB15	3.50								
	D37.00-S40-11	●	37	40	217	147	111	NT-ST064	NT-FTB15	3.50								
	D38.00-S40-11	●	38	40	221	151	114	NT-ST064	NT-FTB15	3.50								
	D39.00-S40-11	●	39	40	224	154	117	NT-ST064	NT-FTB15	3.50								
	D40.00-S40-11	●	40	40	228	158	120	NT-ST064	NT-FTB15	3.50								
	D41.00-S40-11	●	41	40	232	162	123	NT-ST064	NT-FTB15	3.50								
SPMX1405	NT-DRS-3D D42.00-S40-14	●	42	40	235	165	126	NT-ST066	NT-FTB20	4.50								
	D43.00-S40-14	●	43	40	239	169	129	NT-ST066	NT-FTB20	4.50								
	D44.00-S40-14	●	44	40	242	172	132	NT-ST066	NT-FTB20	4.50								
	D45.00-S40-14	●	45	40	247	177	135	NT-ST066	NT-FTB20	4.50								
	D46.00-S40-14	●	46	40	251	181	138	NT-ST066	NT-FTB20	4.50								
	D47.00-S40-14	●	47	40	254	184	141	NT-ST066	NT-FTB20	4.50								
	D48.00-S40-14	●	48	40	258	188	144	NT-ST066	NT-FTB20	4.50								
	D49.00-S40-14	●	49	40	261	191	147	NT-ST066	NT-FTB20	4.50								
	D50.00-S40-14	●	50	40	265	195	150	NT-ST066	NT-FTB20	4.50								

● stock standard

# DRS DRILLING SYSTEM

## HOLDERS 4XD

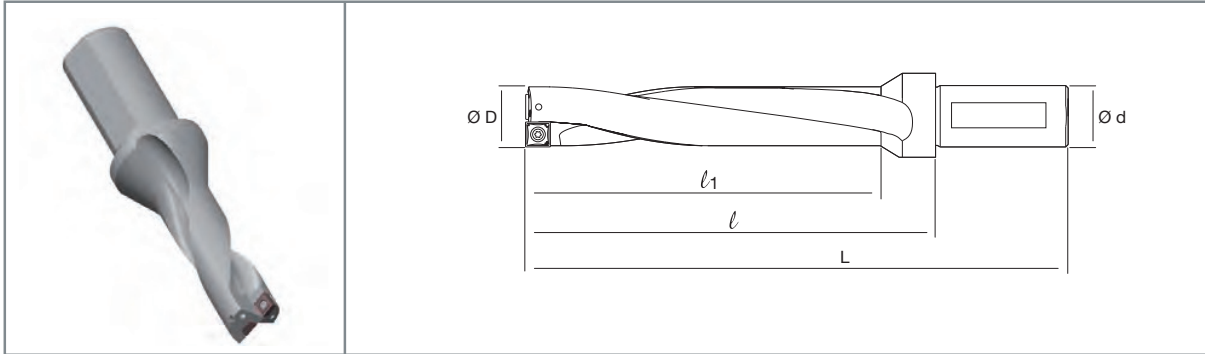


SP□□	DESCRIPTION	STOCK	DIMENSIONS								TORQUE Nm					
			ØD	Ød	L	l	l <sub>1</sub>									
SPMX0502	NT-DRS-4D	D12.50-S20-05	○	12.5	20	120	70	52	NT-ST059	NT-FTB06	0.50					
		D13.00-S20-05	●	13	20	120	70	52	NT-ST059	NT-FTB06	0.50					
		D13.50-S20-05	○	13.5	20	124	74	56	NT-ST059	NT-FTB06	0.50					
		D14.00-S20-05	●	14	20	124	74	56	NT-ST059	NT-FTB06	0.50					
		D14.50-S20-05	○	14.5	20	129	79	60	NT-ST059	NT-FTB06	0.50					
		D15.00-S20-05	●	15	20	129	79	60	NT-ST059	NT-FTB06	0.50					
SPMX0602	NT-DRS-4D	D15.50-S25-06	○	15.5	25	140	84	64	NT-ST061	NT-FTB06	0.50					
		D16.00-S25-06	●	16	25	140	84	64	NT-ST061	NT-FTB06	0.50					
		D16.50-S25-06	○	16.5	25	144	88	68	NT-ST061	NT-FTB06	0.50					
		D17.00-S25-06	●	17	25	144	88	68	NT-ST061	NT-FTB06	0.50					
		D17.50-S25-06	○	17.5	25	149	93	72	NT-ST061	NT-FTB06	0.50					
		D18.00-S25-06	●	18	25	149	93	72	NT-ST061	NT-FTB06	0.50					
		D18.50-S25-06	○	18.5	25	153	97	76	NT-ST061	NT-FTB06	0.50					
		D19.00-S25-06	●	19	25	153	97	76	NT-ST061	NT-FTB06	0.50					
		D19.50-S25-06	○	19.5	25	159	103	80	NT-ST061	NT-FTB06	0.50					
		D20.00-S25-06	●	20	25	159	103	80	NT-ST061	NT-FTB06	0.50					
		D20.50-S25-06	○	20.5	25	163	107	84	NT-ST061	NT-FTB06	0.50					
		D21.00-S25-06	●	21	25	163	107	84	NT-ST061	NT-FTB06	0.50					
SPMX07T3	NT-DRS-4D	D22.00-S25-07	●	22	25	167	111	88	NT-ST062	NT-FTB07	0.80					
		D22.50-S32-07	○	22.5	32	177	117	92	NT-ST062	NT-FTB07	0.80					
		D23.00-S32-07	●	23	32	177	117	92	NT-ST062	NT-FTB07	0.80					
		D23.50-S32-07	○	23.5	32	182	122	96	NT-ST062	NT-FTB07	0.80					
		D24.00-S32-07	●	24	32	182	122	96	NT-ST062	NT-FTB07	0.80					
		D24.50-S32-07	○	24.5	32	187	127	100	NT-ST062	NT-FTB07	0.80					
		D25.00-S32-07	●	25	32	187	127	100	NT-ST062	NT-FTB07	0.80					
		D25.50-S32-07	○	25.5	32	191	131	104	NT-ST062	NT-FTB07	0.80					
		D26.00-S32-07	●	26	32	191	131	104	NT-ST062	NT-FTB07	0.80					
		D26.50-S32-07	○	26.5	32	195	135	108	NT-ST062	NT-FTB07	0.80					
SPMX0904	NT-DRS-4D	D28.00-S32-09	●	28	32	200	140	112	NT-ST063	NT-FTB15	3.50					
		D28.50-S32-09	○	28.5	32	204	144	116	NT-ST063	NT-FTB15	3.50					
		D29.00-S32-09	●	29	32	204	144	116	NT-ST063	NT-FTB15	3.50					
		D29.50-S32-09	●	29.5	32	211	151	120	NT-ST063	NT-FTB15	3.50					
		D30.00-S32-09	●	30	32	211	151	120	NT-ST063	NT-FTB15	3.50					
		D31.00-S32-09	●	31	32	216	156	124	NT-ST063	NT-FTB15	3.50					
		D32.00-S32-09	●	32	32	220	160	128	NT-ST063	NT-FTB15	3.50					
		D33.00-S32-09	●	33	32	225	165	132	NT-ST063	NT-FTB15	3.50					

● stock standard; ○ non stock standard



# HOLDERS 4XD



SP□□	DESCRIPTION	STOCK	DIMENSIONS								TORQUE Nm					
			ØD	Ød	L	l	l <sub>1</sub>	l <sub>2</sub>								
SPMX1104	NT-DRS-4D D34.00-S40-11	●	34	40	239	169	136	NT-ST064	NT-FTB15	3.50						
	D35.00-S40-11	●	35	40	244	174	140	NT-ST064	NT-FTB15	3.50						
	D36.00-S40-11	●	36	40	249	179	144	NT-ST064	NT-FTB15	3.50						
	D37.00-S40-11	●	37	40	254	184	148	NT-ST064	NT-FTB15	3.50						
	D38.00-S40-11	●	38	40	259	189	152	NT-ST064	NT-FTB15	3.50						
	D39.00-S40-11	●	39	40	263	193	156	NT-ST064	NT-FTB15	3.50						
	D40.00-S40-11	●	40	40	268	198	160	NT-ST064	NT-FTB15	3.50						
	D41.00-S40-11	●	41	40	273	203	164	NT-ST064	NT-FTB15	3.50						
SPMX1405	NT-DRS-4D D42.00-S40-14	●	42	40	277	207	168	NT-ST066	NT-FTB20	4.50						
	D43.00-S40-14	●	43	40	282	212	172	NT-ST066	NT-FTB20	4.50						
	D44.00-S40-14	●	44	40	286	216	176	NT-ST066	NT-FTB20	4.50						
	D45.00-S40-14	●	45	40	292	222	180	NT-ST066	NT-FTB20	4.50						
	D46.00-S40-14	●	46	40	297	227	184	NT-ST066	NT-FTB20	4.50						
	D47.00-S40-14	●	47	40	301	231	188	NT-ST066	NT-FTB20	4.50						
	D48.00-S40-14	●	48	40	306	236	192	NT-ST066	NT-FTB20	4.50						
	D49.00-S40-14	●	49	40	310	240	196	NT-ST066	NT-FTB20	4.50						
	D50.00-S40-14	●	50	40	315	245	200	NT-ST066	NT-FTB20	4.50						

● stock standard

# DRS DRILLING SYSTEM

## PARAMETERS

Gr.	MATERIAL		
P1	Free cutting steel and structural steel	Rm < 500 N/mm <sup>2</sup>	(9SMn28 / 1.0715 / AVP)
P2	Carbon steel and low alloy steel	Rm 500-700 N/mm <sup>2</sup>	(C40 / 1.0511)
P3	Medium alloy steel and heat treated steel	Rm 600-800 N/mm <sup>2</sup>	(42CrMo4 / 1.7225)
P4	High alloy steel	Rm 800-1000 N/mm <sup>2</sup>	(100Cr6 / 1.3505)
P5	Tool steel	Rm 900-1200 N/mm <sup>2</sup>	(X210Cr12 / 1.2080 / K100)
P6	High tensile strength steel	Rm 1200-1600 N/mm <sup>2</sup>	(X2NiCrMo18.9.5 / 1.6358 / W720)
M1	Ferritic stainless steel	Rm 400-700 N/mm <sup>2</sup>	(X40Cr13 / 1.4034 / AISI420)
M2	Austenitic stainless steel (good machinability)	Rm 500-750 N/mm <sup>2</sup>	(X5CrNi18.10 / 1.4301 / AISI304)
M3	Austenitic stainless steel (medium machinability)	Rm 550-850 N/mm <sup>2</sup>	(X2CrNiMo18.12 / 1.4435 / AISI316L)
M4	Austenitic stainless steel (low machinability)	Rm 650-950 N/mm <sup>2</sup>	(X2CrNiMoN25.7.4 / 1.4410 / Super Duplex)
M5	Martensitic stainless steel	Rm 800-1250 N/mm <sup>2</sup>	(X5CrNiNb16.4 / 1.4542 / 17-4PH)
K1	Grey cast iron	HB 150-250	(GG-25 / 0.6025)
K2	Nodular cast iron	HB 150-350	(GGG-50 / 0.7050)
K3	Austenitic cast iron	HB 120-260	(GGL-NiCr20.2 / 0.6660)
K4	ADI cast iron	HB 250-500	(GJS-1000-5 / ADI 1000)

Gr.	Vc m/min	fn mm/rev 012.50÷15.00		fn mm/rev 015.50÷21.50		fn mm/rev 022.00÷33.00		fn mm/rev 034.00÷50.00	
	JP5625	2D, 3D	4D	2D, 3D	4D	2D, 3D	4D	2D, 3D	4D
P1	180 ÷ 250	0.05 ÷ 0.10	0.04 ÷ 0.07	0.06 ÷ 0.12	0.05 ÷ 0.08	0.07 ÷ 0.14	0.06 ÷ 0.11	0.08 ÷ 0.16	0.07 ÷ 0.14
P2	120 ÷ 200	0.07 ÷ 0.14	0.05 ÷ 0.10	0.09 ÷ 0.18	0.06 ÷ 0.13	0.11 ÷ 0.22	0.09 ÷ 0.18	0.12 ÷ 0.25	0.11 ÷ 0.22
P3	100 ÷ 180	0.06 ÷ 0.12	0.04 ÷ 0.08	0.08 ÷ 0.16	0.06 ÷ 0.11	0.10 ÷ 0.20	0.08 ÷ 0.16	0.11 ÷ 0.22	0.10 ÷ 0.20
P4	100 ÷ 150	0.06 ÷ 0.12	0.04 ÷ 0.08	0.08 ÷ 0.16	0.06 ÷ 0.11	0.10 ÷ 0.20	0.08 ÷ 0.16	0.11 ÷ 0.22	0.10 ÷ 0.20
P5	80 ÷ 140	0.05 ÷ 0.10	0.04 ÷ 0.07	0.07 ÷ 0.12	0.05 ÷ 0.08	0.09 ÷ 0.18	0.07 ÷ 0.14	0.10 ÷ 0.20	0.09 ÷ 0.18
P6	80 ÷ 120	0.04 ÷ 0.08	0.03 ÷ 0.06	0.06 ÷ 0.12	0.04 ÷ 0.08	0.08 ÷ 0.16	0.06 ÷ 0.13	0.09 ÷ 0.18	0.08 ÷ 0.16
M1	100 ÷ 150	0.05 ÷ 0.10	0.04 ÷ 0.07	0.06 ÷ 0.12	0.05 ÷ 0.08	0.07 ÷ 0.14	0.06 ÷ 0.12	0.08 ÷ 0.16	0.07 ÷ 0.14
M2	80 ÷ 140	0.05 ÷ 0.08	0.04 ÷ 0.06	0.06 ÷ 0.10	0.04 ÷ 0.08	0.07 ÷ 0.12	0.06 ÷ 0.10	0.08 ÷ 0.14	0.07 ÷ 0.13
M3	80 ÷ 120	0.04 ÷ 0.08	0.03 ÷ 0.06	0.05 ÷ 0.10	0.04 ÷ 0.08	0.06 ÷ 0.12	0.05 ÷ 0.10	0.07 ÷ 0.14	0.06 ÷ 0.13
M4	60 ÷ 100	0.04 ÷ 0.07	0.03 ÷ 0.06	0.04 ÷ 0.08	0.03 ÷ 0.07	0.05 ÷ 0.10	0.04 ÷ 0.08	0.06 ÷ 0.12	0.05 ÷ 0.11
M5	50 ÷ 80	0.04 ÷ 0.07	0.03 ÷ 0.06	0.04 ÷ 0.08	0.03 ÷ 0.07	0.05 ÷ 0.10	0.04 ÷ 0.08	0.06 ÷ 0.12	0.05 ÷ 0.11
K1	120 ÷ 180	0.08 ÷ 0.16	0.06 ÷ 0.11	0.09 ÷ 0.18	0.06 ÷ 0.13	0.12 ÷ 0.25	0.10 ÷ 0.20	0.15 ÷ 0.30	0.13 ÷ 0.27
K2	80 ÷ 160	0.07 ÷ 0.14	0.05 ÷ 0.10	0.08 ÷ 0.16	0.05 ÷ 0.11	0.10 ÷ 0.20	0.08 ÷ 0.16	0.12 ÷ 0.24	0.11 ÷ 0.21
K3	80 ÷ 120	0.06 ÷ 0.12	0.04 ÷ 0.09	0.07 ÷ 0.14	0.05 ÷ 0.10	0.10 ÷ 0.16	0.08 ÷ 0.13	0.12 ÷ 0.20	0.10 ÷ 0.18
K4	60 ÷ 100	0.05 ÷ 0.10	0.04 ÷ 0.07	0.06 ÷ 0.12	0.04 ÷ 0.08	0.08 ÷ 0.14	0.06 ÷ 0.11	0.10 ÷ 0.18	0.08 ÷ 0.16