



TYPHOON TA-HTA-4HTA

HIGH PERFORMANCE - GENERAL PURPOSE

🇬🇧 The tool of choice for multi-purpose drilling on ISO P, M, K below 1100 N/mm².

🇮🇹 La soluzione ideale per la foratura di materiali ISO P, M, K sino a 1100 N/mm².

🇩🇪 Die optimale Lösung für das Bohren der Materialien ISO P, M, K bis zu 1100 N/mm².

🇫🇷 La solution idéale pour le perçage de matériaux ISO P, M, K jusqu'à 1100 N/mm².

🇪🇸 La solución ideal para el taladro de materiales ISO P, M, K hasta 1100 N/mm².

🇷🇺 Идеальное решение для сверления материалов по ISO P, M, K до 1100 Н/мм².

INFO
TYPHOON TA-HTA-4HTA
TYPHOON PU-HPU
TYPHOON SUH
TYPHOON ALH
TYPHOON HRC
TYPHOON SUH MINI
TYPHOON HL
C-SD-TA
LFTA
SUTA
HSS-HSS/CO DRILLS
G2
MDTA
HF VH/UP
MEF
ALU
MEX
UH
HSS/CO-HSSP END MILLS
CARBIDE BURRS

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TYPHOON TA-HTA-4HTA

HIGH PERFORMANCE - GENERAL PURPOSE



TA-HTA

- Self-centering geometry for accurate holes
- Curved cutting edge for low cutting forces.
- High relief angle: reduces cutting forces, improves chip shape and ejection
- Wide chip pocket: improves chip ejection
- Back taper geometry: improves the cutting performance
- Modified oil holes: improves coolant feed
- Substrate and coating: specifically selected for high wear resistance, long and reliable life



TA-HTA

- Affûtage autocentré pour un perçage plus précis
- Profil de l'arête ondulé pour faible effort de coupe
- Géométrie de l'arête avec dépouille accentuée pour réduire l'effort de coupe et améliorer la forme et le contrôle des copeaux
- Goujures recourbées et larges pour améliorer l'évacuation des copeaux
- Géométrie du corps avec conicité arrière pour faciliter la coupe
- Trous d'arrosage avec géométrie modifiée pour apporter une lubrification plus importante.
- Substrat et revêtement spécifiques pour garantir durée et fiabilité



TA-HTA

- Affilatura autocentrante per fori precisi
- Profilo del tagliente ondulato per basso sforzo di taglio
- Geometria del tagliente con spoglia accentuata per ridurre lo sforzo di taglio e migliorare la forma e il controllo dei trucioli
- Gole ricurve e ampie per migliorare l'evacuazione dei trucioli
- Geometria del corpo con conicità posteriore per agevolare l'azione di taglio
- Fori di refrigerazione con geometria modificata per un maggior apporto di refrigerante
- Substrato e rivestimento specifici per garantire durata e affidabilità



TA-HTA

- Afilado autocentrante para agujeros precisos
- Perfil del filo ondulado, para bajo esfuerzo de corte
- Geometría del filo con salida acentuada para reducir el esfuerzo de corte y mejorar la forma y el control de las virutas
- Ranuras curvadas y amplias para mejorar la evacuación de las virutas
- Geometría del cuerpo con conicidad posterior para facilitar la acción de corte
- Agujeros de refrigeración con geometría modificada para una mayor aportación de refrigerante
- Sustrato y revestimiento específicos para garantizar duración y fiabilidad



TA-HTA

- Selbstzentrierender Schliff für präzise Bohrungen
- Gewelltes Schneidkantenprofil für geringen Schneiddruck
- Geometrie der Schneidkante mit ausgeprägtem Hinterschliff zur Reduzierung des Schneiddrucks und zur Verbesserung der Späneform und -kontrolle
- Gebogene und breite Nuten zur Verbesserung der Späneabführung
- Geometrie des Körpers mit konischem hinteren Bereich zur Erleichterung des Schnittvorgangs
- Kühlöffnungen mit abgeänderter Geometrie für einen verbesserten Kühlmittelzufluss
- Spezielles Trägermaterial und spezielle Beschichtung zur Gewährleistung von Standzeit und Zuverlässigkeit



TA-HTA

- Самоцентрирующаяся заточка для сверления отверстий высокой точности
- Закругленный профиль режущей кромки для низких режущий усилий
- Большой угол наклона спиральной канавки для уменьшения сил резания и улучшения условий удаления стружки
- Широкие стружечные канавки для лучшего вывода стружки
- Геометрия с обратным конусом для повышения производительности
- Большие отверстия: увеличена эффективность подвода СОЖ
- Специальное покрытие для повышения стойкости инструмента

INFO

TYPHOON
TA-HTA-4HTATYPHOON
PU-HPUTYPHOON
SUHTYPHOON
ALHTYPHOON
HRCTYPHOON
SUH MINITYPHOON
HL

C-SD-TA

LFTA

SUTA

HSS-HSS/CO
DRILLS

G2

MDTA

HF VH/UP

MEE

ALU

MEX

UH

HSS/CO-HSSP
END MILLSCARBIDE
BURRS

355TA-355HTA

general purpose, TA and HTA (through coolant)



355TA

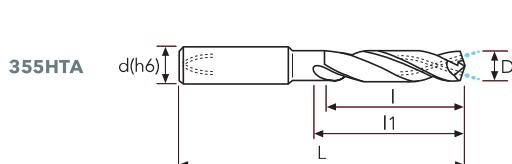
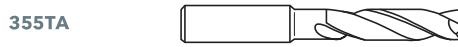


355HTA

P	M	K	N	S	H
★	☆	☆		☆	
★	☆	☆	☆	☆	

355TA
355HTA

★ 1st choice ☆ suitable



355TA				355HTA					
D(m7)	D Tol.	d(h6)	I	I1	L	EDP No.	Stock	EDP No.	Stock
3.00	+0.012/+0.002	6	23	28	66	355TA0300	●	355HTA0300	●
3.10	+0.016/+0.004	6	23	28	66	355TA0310	●	355HTA0310	●
3.20	+0.016/+0.004	6	23	28	66	355TA0320	●	355HTA0320	●
3.30	+0.016/+0.004	6	23	28	66	355TA0330	●	355HTA0330	●
3.40	+0.016/+0.004	6	23	28	66	355TA0340	●	355HTA0340	●
3.50	+0.016/+0.004	6	23	28	66	355TA0350	●	355HTA0350	●
3.60	+0.016/+0.004	6	23	28	66	355TA0360	●	355HTA0360	●
3.70	+0.016/+0.004	6	23	28	66	355TA0370	●	355HTA0370	●
3.80	+0.016/+0.004	6	29	36	74	355TA0380	●	355HTA0380	●
3.90	+0.016/+0.004	6	29	36	74	355TA0390	●	355HTA0390	●
4.00	+0.016/+0.004	6	29	36	74	355TA0400	●	355HTA0400	●
4.10	+0.016/+0.004	6	29	36	74	355TA0410	●	355HTA0410	●
4.20	+0.016/+0.004	6	29	36	74	355TA0420	●	355HTA0420	●
4.30	+0.016/+0.004	6	29	36	74	355TA0430	●	355HTA0430	●
4.40	+0.016/+0.004	6	29	36	74	355TA0440	●	355HTA0440	●
4.50	+0.016/+0.004	6	29	36	74	355TA0450	●	355HTA0450	●
4.60	+0.016/+0.004	6	29	36	74	355TA0460	●	355HTA0460	●
4.70	+0.016/+0.004	6	29	36	74	355TA0470	●	355HTA0470	●
4.80	+0.016/+0.004	6	35	44	82	355TA0480	●	355HTA0480	●
4.90	+0.016/+0.004	6	35	44	82	355TA0490	●	355HTA0490	●
5.00	+0.016/+0.004	6	35	44	82	355TA0500	●	355HTA0500	●
5.10	+0.016/+0.004	6	35	44	82	355TA0510	●	355HTA0510	●
5.20	+0.016/+0.004	6	35	44	82	355TA0520	●	355HTA0520	●
5.30	+0.016/+0.004	6	35	44	82	355TA0530	●	355HTA0530	●
5.40	+0.016/+0.004	6	35	44	82	355TA0540	●	355HTA0540	●
5.50	+0.016/+0.004	6	35	44	82	355TA0550	●	355HTA0550	●
5.60	+0.016/+0.004	6	35	44	82	355TA0560	●	355HTA0560	●
5.70	+0.016/+0.004	6	35	44	82	355TA0570	●	355HTA0570	●
5.80	+0.016/+0.004	6	35	44	82	355TA0580	●	355HTA0580	●
5.90	+0.016/+0.004	6	35	44	82	355TA0590	●	355HTA0590	●
6.00	+0.016/+0.004	6	35	44	82	355TA0600	●	355HTA0600	●
6.10	+0.021/+0.006	8	43	53	91	355TA0610	●	355HTA0610	●
6.20	+0.021/+0.006	8	43	53	91	355TA0620	●	355HTA0620	●
6.30	+0.021/+0.006	8	43	53	91	355TA0630	●	355HTA0630	●
6.40	+0.021/+0.006	8	43	53	91	355TA0640	●	355HTA0640	●
6.50	+0.021/+0.006	8	43	53	91	355TA0650	●	355HTA0650	●
6.60	+0.021/+0.006	8	43	53	91	355TA0660	●	355HTA0660	●
6.70	+0.021/+0.006	8	43	53	91	355TA0670	●	355HTA0670	●
6.80	+0.021/+0.006	8	43	53	91	355TA0680	●	355HTA0680	●

● stock standard ○ non-standard stock ▽ stock exhaustion

355TA-355HTA

general purpose, TA and HTA (through coolant)



355TA



355HTA

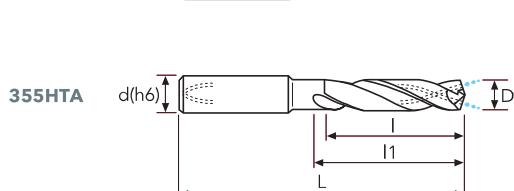
P	M	K	N	S	H
★	☆	☆		☆	
★	☆	☆	☆	☆	

355TA
355HTA

★ 1st choice ☆ suitable



355TA



355TA						355HTA					
D(m7)	D Tol.	d(h6)	I	I1	L	EDP No.	Stock	EDP No.	Stock	EDP No.	Stock
6.90	+0.021/+0.006	8	43	53	91	355TA0690	●	355HTA0690	●		
7.00	+0.021/+0.006	8	43	53	91	355TA0700	●	355HTA0700	●		
7.10	+0.021/+0.006	8	43	53	91	355TA0710	●	355HTA0710	●		
7.20	+0.021/+0.006	8	43	53	91	355TA0720	●	355HTA0720	●		
7.30	+0.021/+0.006	8	43	53	91	355TA0730	●	355HTA0730	●		
7.40	+0.021/+0.006	8	43	53	91	355TA0740	●	355HTA0740	●		
7.50	+0.021/+0.006	8	43	53	91	355TA0750	●	355HTA0750	●		
7.60	+0.021/+0.006	8	43	53	91	355TA0760	●	355HTA0760	●		
7.70	+0.021/+0.006	8	43	53	91	355TA0770	●	355HTA0770	●		
7.80	+0.021/+0.006	8	43	53	91	355TA0780	●	355HTA0780	●		
7.90	+0.021/+0.006	8	43	53	91	355TA0790	●	355HTA0790	●		
8.00	+0.021/+0.006	8	43	53	91	355TA0800	●	355HTA0800	●		
8.10	+0.021/+0.006	10	49	61	103	355TA0810	●	355HTA0810	●		
8.20	+0.021/+0.006	10	49	61	103	355TA0820	●	355HTA0820	●		
8.30	+0.021/+0.006	10	49	61	103	355TA0830	●	355HTA0830	●		
8.40	+0.021/+0.006	10	49	61	103	355TA0840	●	355HTA0840	●		
8.50	+0.021/+0.006	10	49	61	103	355TA0850	●	355HTA0850	●		
8.60	+0.021/+0.006	10	49	61	103	355TA0860	●	355HTA0860	●		
8.70	+0.021/+0.006	10	49	61	103	355TA0870	●	355HTA0870	●		
8.80	+0.021/+0.006	10	49	61	103	355TA0880	●	355HTA0880	●		
8.90	+0.021/+0.006	10	49	61	103	355TA0890	●	355HTA0890	●		
9.00	+0.021/+0.006	10	49	61	103	355TA0900	●	355HTA0900	●		
9.10	+0.021/+0.006	10	49	61	103	355TA0910	●	355HTA0910	●		
9.20	+0.021/+0.006	10	49	61	103	355TA0920	●	355HTA0920	●		
9.30	+0.021/+0.006	10	49	61	103	355TA0930	●	355HTA0930	●		
9.40	+0.021/+0.006	10	49	61	103	355TA0940	●	355HTA0940	●		
9.50	+0.021/+0.006	10	61	61	103	355TA0950	●	355HTA0950	●		
9.60	+0.021/+0.006	10	61	61	103	355TA0960	●	355HTA0960	●		
9.70	+0.021/+0.006	10	61	61	103	355TA0970	●	355HTA0970	●		
9.80	+0.021/+0.006	10	61	61	103	355TA0980	●	355HTA0980	●		
9.90	+0.021/+0.006	10	61	61	103	355TA0990	●	355HTA0990	●		
10.00	+0.021/+0.006	10	61	61	103	355TA1000	●	355HTA1000	●		
10.10	+0.025/+0.007	12	71	71	118	355TA1010	●				
10.20	+0.025/+0.007	12	71	71	118	355TA1020	●	355HTA1020	●		
10.30	+0.025/+0.007	12	71	71	118	355TA1030	●				
10.40	+0.025/+0.007	12	71	71	118	355TA1040	○				
10.50	+0.025/+0.007	12	71	71	118	355TA1050	●	355HTA1050	●		
10.60	+0.025/+0.007	12	71	71	118	355TA1060	●				
10.70	+0.025/+0.007	12	71	71	118	355TA1070	●				

- INFO
- TYPHOON TA-HTA-4HTA
- TYPHOON PU-HPU
- TYPHOON SUH
- TYPHOON ALH
- TYPHOON HRC
- TYPHOON SUH MINI
- TYPHOON HL
- C-SD-TA
- LFTA
- SUTA
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- ALU
- MEX
- UH
- HSS/CO-HSS END MILLS
- CARBIDE BURRS

● stock standard ○ non-standard stock ▽ stock exhaustion

INFO

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TA-HTA-4HTATYPHOON
PU-HPUTYPHOON
SUHTYPHOON
ALHTYPHOON
HRCTYPHOON
SUH MINITYPHOON
HL

C-SD-TA

LFTA

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DRILLS

G2

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END MILLSCARBIDE
BURRS

355TA-355HTA

general purpose, TA and HTA (through coolant)



355TA



355HTA

P	M	K	N	S	H
★	☆	☆		☆	
★	☆	☆	☆	☆	

355TA
355HTA

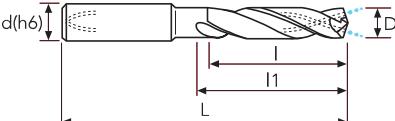
★ 1st choice ☆ suitable



355TA



355HTA



D(m7)	D Tol.	d(h6)	I	I1	L	EDP No.	Stock	EDP No.	Stock
10.80	+0.025/+0.007	12	71	71	118	355TA1080	●	355HTA1080	●
10.90	+0.025/+0.007	12	71	71	118	355TA1090	○	355HTA1090	○
11.00	+0.025/+0.007	12	71	71	118	355TA1100	●	355HTA1100	●
11.10	+0.025/+0.007	12	71	71	118	355TA1110	○		
11.20	+0.025/+0.007	12	71	71	118	355TA1120	●	355HTA1120	●
11.30	+0.025/+0.007	12	71	71	118	355TA1130	●	355HTA1130	●
11.40	+0.025/+0.007	12	71	71	118	355TA1140	●		
11.50	+0.025/+0.007	12	71	71	118	355TA1150	●	355HTA1150	●
11.60	+0.025/+0.007	12	71	71	118	355TA1160	○		
11.70	+0.025/+0.007	12	71	71	118	355TA1170	●		
11.80	+0.025/+0.007	12	71	71	118	355TA1180	●	355HTA1180	●
11.90	+0.025/+0.007	12	71	71	118	355TA1190	○		
12.00	+0.025/+0.007	12	71	71	118	355TA1200	●	355HTA1200	●
12.20	+0.025/+0.007	14	77	77	124	355TA1220	●	355HTA1220	●
12.50	+0.025/+0.007	14	77	77	124	355TA1250	●	355HTA1250	●
12.80	+0.025/+0.007	14	77	77	124			355HTA1280	●
13.00	+0.025/+0.007	14	77	77	124	355TA1300	●	355HTA1300	●
13.30	+0.025/+0.007	14	77	77	124			355HTA1330	●
13.50	+0.025/+0.007	14	77	77	124	355TA1350	●	355HTA1350	●
13.80	+0.025/+0.007	14	77	77	124			355HTA1380	●
14.00	+0.025/+0.007	14	77	77	124	355TA1400	●	355HTA1400	●
14.50	+0.025/+0.007	16	83	83	133	355TA1450	●	355HTA1450	●
15.00	+0.025/+0.007	16	83	83	133	355TA1500	●	355HTA1500	●
15.30	+0.025/+0.007	16	83	83	133			355HTA1530	●
15.50	+0.025/+0.007	16	83	83	133	355TA1550	●	355HTA1550	●
15.80	+0.025/+0.007	16	83	83	133			355HTA1580	●
16.00	+0.025/+0.007	16	83	83	133	355TA1600	●	355HTA1600	●
16.50	+0.025/+0.007	18	93	93	143	355TA1650	●	355HTA1650	●
17.00	+0.025/+0.007	18	93	93	143	355TA1700	●	355HTA1700	●
17.50	+0.025/+0.007	18	93	93	143	355TA1750	●	355HTA1750	●
18.00	+0.025/+0.007	18	93	93	143	355TA1800	●	355HTA1800	●
18.50	+0.029/+0.008	20	101	101	153	355TA1850	●	355HTA1850	●
19.00	+0.029/+0.008	20	101	101	153	355TA1900	●	355HTA1900	●
19.50	+0.029/+0.008	20	101	101	153	355TA1950	○	355HTA1950	●
20.00	+0.029/+0.008	20	101	101	153	355TA2000	●	355HTA2000	●

● stock standard ○ non-standard stock ▽ stock exhaustion