



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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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 abgeänderten 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

353TA-353HTA

general purpose, TA and HTA (through coolant)



353TA



353HTA

P	M	K	N	S	H
★	☆	☆		☆	
★	☆	☆	☆	☆	

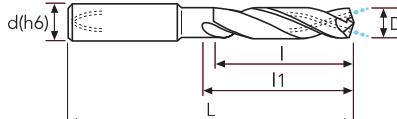
353TA
353HTA

★ 1st choice ☆ suitable

353TA



353HTA



		353TA			353HTA				
D(m7)	D Tol.	d(h6)	I	I1	L	EDP No.	Stock	EDP No.	Stock
3.00	+0.012/+0.002	6	14	20	62	353TA0300	●	353HTA0300	●
3.10	+0.016/+0.004	6	14	20	62	353TA0310	●	353HTA0310	●
3.20	+0.016/+0.004	6	14	20	62	353TA0320	●	353HTA0320	●
3.30	+0.016/+0.004	6	14	20	62	353TA0330	●	353HTA0330	●
3.40	+0.016/+0.004	6	14	20	62	353TA0340	●	353HTA0340	●
3.50	+0.016/+0.004	6	14	20	62	353TA0350	●	353HTA0350	●
3.60	+0.016/+0.004	6	14	20	62	353TA0360	●	353HTA0360	●
3.70	+0.016/+0.004	6	14	20	62	353TA0370	●	353HTA0370	●
3.80	+0.016/+0.004	6	17	24	66	353TA0380	●	353HTA0380	●
3.90	+0.016/+0.004	6	17	24	66	353TA0390	●	353HTA0390	●
4.00	+0.016/+0.004	6	17	24	66	353TA0400	●	353HTA0400	●
4.10	+0.016/+0.004	6	17	24	66	353TA0410	●	353HTA0410	●
4.20	+0.016/+0.004	6	17	24	66	353TA0420	●	353HTA0420	●
4.30	+0.016/+0.004	6	17	24	66	353TA0430	●	353HTA0430	●
4.40	+0.016/+0.004	6	17	24	66	353TA0440	●	353HTA0440	●
4.50	+0.016/+0.004	6	17	24	66	353TA0450	●	353HTA0450	●
4.60	+0.016/+0.004	6	17	24	66	353TA0460	●	353HTA0460	●
4.70	+0.016/+0.004	6	17	24	66	353TA0470	●	353HTA0470	●
4.80	+0.016/+0.004	6	20	28	66	353TA0480	●	353HTA0480	●
4.90	+0.016/+0.004	6	20	28	66	353TA0490	●	353HTA0490	●
5.00	+0.016/+0.004	6	20	28	66	353TA0500	●	353HTA0500	●
5.10	+0.016/+0.004	6	20	28	66	353TA0510	●	353HTA0510	●
5.20	+0.016/+0.004	6	20	28	66	353TA0520	●	353HTA0520	●
5.30	+0.016/+0.004	6	20	28	66	353TA0530	●	353HTA0530	●
5.40	+0.016/+0.004	6	20	28	66	353TA0540	●	353HTA0540	●
5.50	+0.016/+0.004	6	20	28	66	353TA0550	●	353HTA0550	●
5.60	+0.016/+0.004	6	20	28	66	353TA0560	●	353HTA0560	●
5.70	+0.016/+0.004	6	20	28	66	353TA0570	●	353HTA0570	●
5.80	+0.016/+0.004	6	20	28	66	353TA0580	●	353HTA0580	●
5.90	+0.016/+0.004	6	20	28	66	353TA0590	●	353HTA0590	●
6.00	+0.016/+0.004	6	20	28	66	353TA0600	●	353HTA0600	●
6.10	+0.021/+0.006	8	24	34	79	353TA0610	●	353HTA0610	●
6.20	+0.021/+0.006	8	24	34	79	353TA0620	●	353HTA0620	●
6.30	+0.021/+0.006	8	24	34	79	353TA0630	●	353HTA0630	●
6.40	+0.021/+0.006	8	24	34	79	353TA0640	●	353HTA0640	●
6.50	+0.021/+0.006	8	24	34	79	353TA0650	●	353HTA0650	●
6.60	+0.021/+0.006	8	24	34	79	353TA0660	●	353HTA0660	●
6.70	+0.021/+0.006	8	24	34	79	353TA0670	●	353HTA0670	●
6.80	+0.021/+0.006	8	24	34	79	353TA0680	●	353HTA0680	●

● stock standard ○ non-standard stock ▽ stock exhaustion

353TA-353HTA

general purpose, TA and HTA (through coolant)



353TA



353HTA

P	M	K	N	S	H
★	☆	☆		☆	
★	☆	☆	☆	☆	

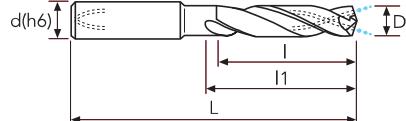
353TA 353HTA

★ 1st choice ☆ suitable

353TA



353HTA



353TA				353HTA					
D(m7)	D Tol.	d(h6)	I	I1	L	EDP No.	Stock	EDP No.	Stock
6.90	+0.021/+0.006	8	24	34	79	353TA0690	●	353HTA0690	●
7.00	+0.021/+0.006	8	24	34	79	353TA0700	●	353HTA0700	●
7.10	+0.021/+0.006	8	29	41	79	353TA0710	●	353HTA0710	●
7.20	+0.021/+0.006	8	29	41	79	353TA0720	●	353HTA0720	●
7.30	+0.021/+0.006	8	29	41	79	353TA0730	●	353HTA0730	●
7.40	+0.021/+0.006	8	29	41	79	353TA0740	●	353HTA0740	●
7.50	+0.021/+0.006	8	29	41	79	353TA0750	●	353HTA0750	●
7.60	+0.021/+0.006	8	29	41	79	353TA0760	●	353HTA0760	●
7.70	+0.021/+0.006	8	29	41	79	353TA0770	●	353HTA0770	●
7.80	+0.021/+0.006	8	29	41	79	353TA0780	●	353HTA0780	●
7.90	+0.021/+0.006	8	29	41	79	353TA0790	●	353HTA0790	●
8.00	+0.021/+0.006	8	29	41	79	353TA0800	●	353HTA0800	●
8.10	+0.021/+0.006	10	35	47	89	353TA0810	●	353HTA0810	●
8.20	+0.021/+0.006	10	35	47	89	353TA0820	●	353HTA0820	●
8.30	+0.021/+0.006	10	35	47	89	353TA0830	●	353HTA0830	●
8.40	+0.021/+0.006	10	35	47	89	353TA0840	●	353HTA0840	●
8.50	+0.021/+0.006	10	35	47	89	353TA0850	●	353HTA0850	●
8.60	+0.021/+0.006	10	35	47	89	353TA0860	●	353HTA0860	●
8.70	+0.021/+0.006	10	35	47	89	353TA0870	●	353HTA0870	●
8.80	+0.021/+0.006	10	35	47	89	353TA0880	●	353HTA0880	●
8.90	+0.021/+0.006	10	35	47	89	353TA0890	●	353HTA0890	●
9.00	+0.021/+0.006	10	35	47	89	353TA0900	●	353HTA0900	●
9.10	+0.021/+0.006	10	35	47	89	353TA0910	●	353HTA0910	●
9.20	+0.021/+0.006	10	35	47	89	353TA0920	●	353HTA0920	●
9.30	+0.021/+0.006	10	35	47	89	353TA0930	●	353HTA0930	●
9.40	+0.021/+0.006	10	35	47	89	353TA0940	●	353HTA0940	●
9.50	+0.021/+0.006	10	35	47	89	353TA0950	●	353HTA0950	●
9.60	+0.021/+0.006	10	35	47	89	353TA0960	●	353HTA0960	●
9.70	+0.021/+0.006	10	35	47	89	353TA0970	●	353HTA0970	●
9.80	+0.021/+0.006	10	35	47	89	353TA0980	●	353HTA0980	●
9.90	+0.021/+0.006	10	35	47	89	353TA0990	●	353HTA0990	●
10.00	+0.021/+0.006	10	35	47	89	353TA1000	●	353HTA1000	●
10.10	+0.025/+0.007	12	40	55	102	353TA1010	●		
10.20	+0.025/+0.007	12	40	55	102	353TA1020	●	353HTA1020	●
10.30	+0.025/+0.007	12	40	55	102	353TA1030	●		
10.40	+0.025/+0.007	12	40	55	102	353TA1040	●	353HTA1040	●
10.50	+0.025/+0.007	12	40	55	102	353TA1050	●	353HTA1050	●
10.60	+0.025/+0.007	12	40	55	102	353TA1060	●	353HTA1060	●
10.70	+0.025/+0.007	12	40	55	102	353TA1070	●		

● stock standard ○ non-standard stock ▽ stock exhaustion

- 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-HSS END MILLS
- CARBIDE BURRS

INFO

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

C-SD-TA

LFTA

SUTA

HSS-HSS/CO
DRILLS

G2

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353TA



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P	M	K	N	S	H
★	☆	☆		☆	
★	☆	☆	☆	☆	

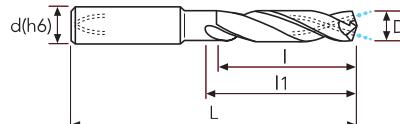
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353HTA

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353TA



353HTA



353TA						353HTA					
D(m7)	D Tol.	d(h6)	I	I1	L	EDP No.	Stock	EDP No.	Stock		
10.80	+0.025/+0.007	12	40	55	102	353TA1080	●	353HTA1080	●		
10.90	+0.025/+0.007	12	40	55	102	353TA1090	○	353HTA1090	○		
11.00	+0.025/+0.007	12	40	55	102	353TA1100	●	353HTA1100	●		
11.10	+0.025/+0.007	12	40	55	102	353TA1110	○				
11.20	+0.025/+0.007	12	40	55	102	353TA1120	●	353HTA1120	●		
11.30	+0.025/+0.007	12	40	55	102	353TA1130	●	353HTA1130	●		
11.40	+0.025/+0.007	12	40	55	102	353TA1140	○				
11.50	+0.025/+0.007	12	40	55	102	353TA1150	●	353HTA1150	●		
11.60	+0.025/+0.007	12	40	55	102	353TA1160	○				
11.70	+0.025/+0.007	12	40	55	102	353TA1170	○				
11.80	+0.025/+0.007	12	40	55	102	353TA1180	●	353HTA1180	●		
11.90	+0.025/+0.007	12	40	55	102	353TA1190	○				
12.00	+0.025/+0.007	12	40	55	102	353TA1200	●	353HTA1200	●		
12.20	+0.025/+0.007	14	43	60	107	353TA1220	●	353HTA1220	●		
12.50	+0.025/+0.007	14	43	60	107	353TA1250	●	353HTA1250	●		
12.80	+0.025/+0.007	14	43	60	107	353TA1280	●	353HTA1280	●		
13.00	+0.025/+0.007	14	43	60	107	353TA1300	●	353HTA1300	●		
13.30	+0.025/+0.007	14	43	60	107			353HTA1330	●		
13.50	+0.025/+0.007	14	43	60	107	353TA1350	●	353HTA1350	●		
13.80	+0.025/+0.007	14	43	60	107			353HTA1380	●		
14.00	+0.025/+0.007	14	43	60	107	353TA1400	●	353HTA1400	●		
14.50	+0.025/+0.007	16	45	65	115	353TA1450	●	353HTA1450	●		
15.00	+0.025/+0.007	16	65	65	115	353TA1500	●	353HTA1500	●		
15.30	+0.025/+0.007	16	65	65	115			353HTA1530	●		
15.50	+0.025/+0.007	16	65	65	115	353TA1550	●	353HTA1550	●		
15.80	+0.025/+0.007	16	65	65	115			353HTA1580	●		
16.00	+0.025/+0.007	16	65	65	115	353TA1600	●	353HTA1600	●		
16.50	+0.025/+0.007	18	73	73	123	353TA1650	●	353HTA1650	●		
17.00	+0.025/+0.007	18	73	73	123	353TA1700	●	353HTA1700	●		
17.50	+0.025/+0.007	18	73	73	123	353TA1750	●	353HTA1750	●		
18.00	+0.025/+0.007	18	73	73	123	353TA1800	●	353HTA1800	●		
18.50	+0.029/+0.008	20	79	79	131	353TA1850	●	353HTA1850	●		
19.00	+0.029/+0.008	20	79	79	131	353TA1900	●	353HTA1900	●		
19.50	+0.029/+0.008	20	79	79	131	353TA1950	●	353HTA1950	●		
20.00	+0.029/+0.008	20	79	79	131	353TA2000	●	353HTA2000	●		

● stock standard ○ non-standard stock ▽ stock exhaustion