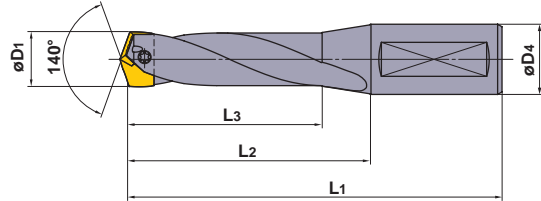


Aço Carbono Aço Liga	Aço Endurecido	Aço Inoxidável	Ferro Fundido	Ligas Leves	Ligas Resistentes ao Calor
◎		○	◎		

(Uso Geral)



SUPORTES

Diâmetros Disponíveis das Brocas D1 (mm)	Prof. de Furo (l/d)	Suporte		Dimensões (mm)				Parafuso de Fixação	Chave	Limpador	Lubrificante Antitravante	Diâm. da Broca D1 (mm)	Inserto			
		Referência para Pedido	Estoque	Compr. efetivo do canal	Compr. do Corpo	Compr. Total	Diâm. da Haste						Referência para Pedido	Estoque		
														L3	L2	L1
14.0 14.4	3	TAWSNH1400S16	▲	51	67	115	16	WS254012T	TKY08W	WPT4405	MK1KS	14.0	TAWNH1400T	▲		
												14.1	TAWKH1400TG		▲	
												14.2	TAWNH1410T	▲		
	5	TAWMNH1400S16	▲	80	97	145	16	WS254012T	TKY08W	WPT4405	MK1KS	14.2	TAWKH1410TG		▲	
												14.3	TAWNH1420T	▲		
												14.4	TAWKH1420TG		▲	
												14.3	TAWNH1430T	▲		
												14.4	TAWKH1430TG		▲	
												14.4	TAWNH1440T	▲		
14.4	TAWKH1440TG		▲													
14.5 15.4	3	TAWSNH1500S20	▲	54	75	125	20	WS254013T	TKY08W	WPT4405	MK1KS	14.5	TAWNH1450T	▲		
												14.6	TAWKH1450TG		▲	
												14.6	TAWNH1460T	▲		
	5	TAWMNH1500S20	▲	85	105	155	20	WS254013T	TKY08W	WPT4405	MK1KS	14.7	TAWKH1460TG		▲	
												14.7	TAWNH1470T	▲		
												14.8	TAWKH1470TG		▲	
												14.8	TAWNH1480T	▲		
												14.9	TAWKH1480TG		▲	
												14.9	TAWNH1490T	▲		
												15.0	TAWKH1490TG		▲	
												15.0	TAWNH1500T	▲		
												15.0	TAWKH1500TG		▲	
	8	TAWLNH1500S20	▲	130	148	198	20	WS254013T	TKY08W	WPT4405	MK1KS	15.1	TAWNH1510T	▲		
												15.1	TAWKH1510TG		▲	
												15.2	TAWNH1520T	▲		
15.2	TAWKH1520TG		▲													
15.3	TAWNH1530T	▲														
15.3	TAWKH1530TG		▲													
15.4	TAWNH1540T	▲														
15.4	TAWKH1540TG		▲													
15.5 16.4	3	TAWSN1600S20	▲	58	80	130	20	WS254014T	TKY08W	WPT4405	MK1KS	15.5	TAWNH1550T	▲		
												15.6	TAWKH1550TG		▲	
												15.6	TAWNH1560T	▲		
	5	TAWMN1600S20	▲	91	115	165	20	WS254014T	TKY08W	WPT4405	MK1KS	15.7	TAWKH1560TG		▲	
												15.7	TAWNH1570T	▲		
												15.8	TAWKH1570TG		▲	
												15.8	TAWNH1580T	▲		
												15.9	TAWKH1580TG		▲	
												15.9	TAWNH1590T	▲		
												16.0	TAWKH1590TG		▲	
												16.0	TAWNH1600T	▲		
												16.0	TAWKH1600TG		▲	
8	TAWLN1600S20	▲	138	158	208	20	WS254014T	TKY08W	WPT4405	MK1KS	16.1	TAWNH1610T	▲			
											16.1	TAWKH1610TG		▲		
											16.2	TAWNH1620T	▲			
16.2	TAWKH1620TG		▲													
16.3	TAWNH1630T	▲														
16.3	TAWKH1630TG		▲													
16.4	TAWNH1640T	▲														
16.4	TAWKH1640TG		▲													

(Nota 1) As dimensões entre parênteses representam as dimensões quando são utilizados os insertos TAWN-U.

(Nota 2) Por favor entre em contato para qualquer geometria que não conste no catálogo (ex.: diâmetro e comprimento diferente.).

▲: Estoque mantido.
Será substituído por novos produtos.





DESCRIÇÃO DO INSERTO > N205
CONDIÇÕES DE CORTE > N209

UTILIZAÇÃO > N209
INFORMAÇÕES TÉCNICAS > Q001

FURAÇÃO (TIPO INTERCAMBIÁVEL)

TAW

METAL DURO





Diâmetros Disponíveis das Brocas D1 (mm)	Prof. de Furo (l/d)	Suporte		Dimensões (mm)								Inserto				
		Referência para Pedido	Estoque	Compr. efetivo do canal	Compr. do Corpo	Compr. Total	Diâm. da Haste					Diâm. da Broca D1 (mm)	Referência para Pedido	Estoque		
														L3	L2	L1
16.5 17.4	3	TAWSN1700S20	▲	61	85	135	20	WS254015T	①TKY08W	WPT4405	MK1KS	16.5	TAWNH1650T	▲		
												TAWKH1650TG		▲		
												16.6	TAWNH1660T	▲		
												TAWKH1660TG		▲		
												16.7	TAWNH1670T	▲		
												TAWKH1670TG		▲		
	5	TAWMN1700S20	▲	96	120	170	20	WS254015T	①TKY08W	WPT4405	MK1KS	16.8	TAWNH1680T	▲		
												TAWKH1680TG		▲		
												16.9	TAWNH1690T	▲		
												TAWKH1690TG		▲		
												17.0	TAWNH1700T	▲		
												TAWKH1700TG		▲		
8	TAWLN1700S20	▲	146	166	216	20	WS254015T	①TKY08W	WPT4405	MK1KS	17.1	TAWNH1710T	▲			
											TAWKH1710TG		▲			
											17.2	TAWNH1720T	▲			
											TAWKH1720TG		▲			
											17.3	TAWNH1730T	▲			
											TAWKH1730TG		▲			
17.5 18.4	3	TAWSN1800S20	▲	65	90	140	20	WS254016T	①TKY08W	WPT4405	MK1KS	17.4	TAWNH1740T	▲		
												TAWKH1740TG		▲		
												17.5	TAWNH1750T	▲		
												TAWKH1750TG		▲		
												17.6	TAWNH1760T	▲		
												TAWKH1760TG		▲		
	5	TAWMN1800S20	▲	102	125	175	20	WS254016T	①TKY08W	WPT4405	MK1KS	17.7	TAWNH1770T	▲		
												TAWKH1770TG		▲		
												17.8	TAWNH1780T	▲		
												TAWKH1780TG		▲		
												17.9	TAWNH1790T	▲		
												TAWKH1790TG		▲		
8	TAWLN1800S20	▲	154	174	224	20	WS254016T	①TKY08W	WPT4405	MK1KS	18.0	TAWNH1800T	▲			
											TAWKH1800TG		▲			
											18.1	TAWNH1810T	▲			
											TAWKH1810TG		▲			
											18.2	TAWNH1820T	▲			
											TAWKH1820TG		▲			
18.5 19.4	3	TAWSN1900S25	●	68	99	155	25	WS304517T	②TKY10T	WPT4405	MK1KS	18.3	TAWNH1830T	▲		
												TAWKH1830TG		▲		
												18.4	TAWNH1840T	▲		
												TAWKH1840TG		▲		
												18.5	TAWNH1850T	●		□
												TAWKH1850TG		●		□
	5	TAWMN1900S25	●	107	134	190	25	WS304517T	②TKY10T	WPT4405	MK1KS	18.6	TAWNH1860T	●		□
												TAWKH1860TG		●		□
												18.7	TAWNH1870T	●		□
												TAWKH1870TG		●		□
												18.8	TAWNH1880T	●		□
												TAWKH1880TG		●		□
8	TAWLN1900S25	●	162	185	241	25	WS304517T	②TKY10T	WPT4405	MK1KS	18.9	TAWNH1890T	●		□	
											TAWKH1890TG		●		□	
											19.0	TAWNH1900T	●		□	
											TAWKH1900TG		●		□	
											19.1	TAWNH1910T	●		□	
											TAWKH1910TG		●		□	
19.3	TAWLN1900S25	●	162	185	241	25	WS304517T	②TKY10T	WPT4405	MK1KS	19.2	TAWNH1920T	●		□	
											TAWKH1920TG		●		□	
											TAWNH1930T	●		□		
											TAWKH1930TG		●		□	
19.4	TAWNH1940T	●		□												
TAWKH1940TG		●		□												

(Nota 1) As dimensões entre parênteses representam as dimensões quando são utilizados os insertos TAWN-U.

(Nota 2) Por favor entre em contato para qualquer geometria que não conste no catálogo (ex.: diâmetro e comprimento diferente.).

● : Estoque mantido. □ : Sem estoque, produzido somente por pedido.





▲ : Estoque mantido. Será substituído por novos produtos.

Diâmetros Disponíveis das Brocas D1 (mm)	Prof. de Furo (l/d)	Suporte		Dimensões (mm)								Inserto				
		Referência para Pedido	Estoque	Compr. efetivo do canal	Compr. do Corpo	Comp. Total	Diâm. da Haste					Diâm. da Broca D1 (mm)	Referência para Pedido	Estoque		
														L3	L2	L1
19.5 20.4	3	TAWSN2000S25	●	72	99	155	25	WS304518T	TKY10T	WPT4405	MK1KS	19.5	TAWNH1950T	●		□
												TAWKH1950TG		●		
												19.6	TAWNH1960T	●		□
												TAWKH1960TG		●		
	5	TAWMN2000S25	●	113	139	195	25	WS304518T	TKY10T	WPT4405	MK1KS	19.7	TAWNH1970T	●		□
												TAWKH1970TG		●		
												19.8	TAWNH1980T	●		□
												TAWKH1980TG		●		
												19.9	TAWNH1990T	●		□
												TAWKH1990TG		●		
												20.0	TAWNH2000T	●		□
												TAWKH2000TG		●		
20.1	TAWNH2010T	□		□												
TAWKH2010TG		□														
8	TAWLN2000S25	●	170	193	249	25	WS304518T	TKY10T	WPT4405	MK1KS	20.2	TAWNH2020T	□		□	
											TAWKH2020TG		□			
											20.3	TAWNH2030T	□		□	
											TAWKH2030TG		□			
20.5 21.4	3	TAWSN2100S25	●	75	99	155	25	WS304518T	TKY10T	WPT4405	MK1KS	20.2	TAWNH2040T	□		□
												TAWKH2040TG		□		
												20.5	TAWNH2050T	●		□
												TAWKH2050TG		●		
	5	TAWMN2100S25	●	118	139	195	25	WS304518T	TKY10T	WPT4405	MK1KS	20.6	TAWNH2060T	□		□
												TAWKH2060TG		□		
												20.7	TAWNH2070T	□		□
												TAWKH2070TG		□		
												20.8	TAWNH2080T	□		□
												TAWKH2080TG		□		
												20.9	TAWNH2090T	□		□
												TAWKH2090TG		□		
21.0	TAWNH2100T	●		□												
TAWKH2100TG		●														
21.1	TAWNH2110T	□		□												
TAWKH2110TG		□														
8	TAWLN2100S25	●	178	202	258	25	WS304518T	TKY10T	WPT4405	MK1KS	21.2	TAWNH2120T	□		□	
											TAWKH2120TG		□			
											21.3	TAWNH2130T	□		□	
											TAWKH2130TG		□			
21.5 22.4	3	TAWSN2200S25	●	79.3	104.3	160.3	25	WS355520T	TKY15T	WPT4405	MK1KS	21.4	TAWNH2140T	□		□
												TAWKH2140TG		□		
												21.5	TAWNH2150T	●		□
												TAWKH2150TG		●		
	5	TAWMN2200S25	●	124.3	144.3	200.3	25	WS355520T	TKY15T	WPT4405	MK1KS	21.6	TAWNH2160T	□		□
												TAWKH2160TG		□		
												21.7	TAWNH2170T	□		□
												TAWKH2170TG		□		
												21.8	TAWNH2180T	□		□
												TAWKH2180TG		□		
												21.9	TAWNH2190T	□		□
												TAWKH2190TG		□		
22.0	TAWNH2200T	●		□												
TAWKH2200TG		●														
22.1	TAWNH2210T	□		□												
TAWKH2210TG		□														
8	TAWLN2200S25	●	186	210	266	25	WS355520T	TKY15T	WPT4405	MK1KS	22.2	TAWNH2220T	□		□	
											TAWKH2220TG		□			
											22.3	TAWNH2230T	□		□	
											TAWKH2230TG		□			
22.4	TAWNH2240T	□		□												
TAWKH2240TG		□														

FURAÇÃO (TIPO INTERCAMBIÁVEL)

TAW





METAL DURO

Diâmetros Disponíveis das Brocas D1 (mm)	Prof. de Furo (l/d)	Suporte		Dimensões (mm)								Inserto					
		Referência para Pedido	Estoque	Compr. efetivo do canal	Compr. do Corpo	Comp. Total	Diâm. da Haste					Diâm. da Broca D1 (mm)	Referência para Pedido	Estoque			
														L3	L2	L1	D4
22.5 23.4	3	TAWSN2300S25	●	82.3	104.3	160.3	25	WS355521T	TKY15T	WPT4405	MK1KS	22.5	TAWNH2250T	●		□	
													TAWKH2250TG		●		
												22.6	TAWNH2260T	□		□	
													TAWKH2260TG		□		
		5	TAWMN2300S25	●	129.3	154.3	210.3	25	WS355521T	TKY15T	WPT4405	MK1KS	22.7	TAWNH2270T	□		□
													TAWKH2270TG		□		
	22.8												TAWNH2280T	□		□	
													TAWKH2280TG		□		
		8	TAWLN2300S25	●	194	223	279	25	WS355521T	TKY15T	WPT4405	MK1KS	22.9	TAWNH2290T	□		□
													TAWKH2290TG		□		
	23.0												TAWNH2300T	●		□	
													TAWKH2300TG		●		
												23.1	TAWNH2310T	□		□	
												TAWKH2310TG		□			
23.2												TAWNH2320T	□		□		
												TAWKH2320TG		□			
												23.3	TAWNH2330T	□		□	
												TAWKH2330TG		□			
23.4												TAWNH2340T	□		□		
												TAWKH2340TG		□			
23.5 24.4	3	TAWSN2400S32	●	86.3	110.3	170.3	32	WS355521T	TKY15T	WPT4405	MK1KS	23.5	TAWNH2350T	●		□	
													TAWKH2350TG		●		
												23.6	TAWNH2360T	□		□	
													TAWKH2360TG		□		
		5	TAWMN2400S32	●	135.3	160.3	220.3	32	WS355521T	TKY15T	WPT4405	MK1KS	23.7	TAWNH2370T	□		□
													TAWKH2370TG		□		
	23.8												TAWNH2380T	□		□	
													TAWKH2380TG		□		
		8	TAWLN2400S32	●	202	232	292	32	WS355521T	TKY15T	WPT4405	MK1KS	23.9	TAWNH2390T	□		□
													TAWKH2390TG		□		
	24.0												TAWNH2400T	●		□	
													TAWKH2400TG		●		
												24.1	TAWNH2410T	□		□	
												TAWKH2410TG		□			
24.2												TAWNH2420T	□		□		
												TAWKH2420TG		□			
												24.3	TAWNH2430T	□		□	
												TAWKH2430TG		□			
24.4												TAWNH2440T	□		□		
												TAWKH2440TG		□			
24.5 25.4	3	TAWSN2500S32	●	88.6	110.6	170.6	32	WS406023T	TKY25T	WPT4405	MK1KS	24.5	TAWNH2450T	●		□	
													TAWKH2450TG		●		
												24.6	TAWNH2460T	□		□	
													TAWKH2460TG		□		
		5	TAWMN2500S32	●	140.6	165.6	225.6	32	WS406023T	TKY25T	WPT4405	MK1KS	24.7	TAWNH2470T	□		□
													TAWKH2470TG		□		
	24.8												TAWNH2480T	□		□	
													TAWKH2480TG		□		
		8	TAWLN2500S32	●	210	240	300	32	WS406023T	TKY25T	WPT4405	MK1KS	24.9	TAWNH2490T	□		□
													TAWKH2490TG		□		
	25.0												TAWNH2500T	●		□	
													TAWKH2500TG		●		
												25.1	TAWNH2510T	□		□	
												TAWKH2510TG		□			
25.2												TAWNH2520T	□		□		
												TAWKH2520TG		□			
												25.3	TAWNH2530T	□		□	
												TAWKH2530TG		□			
25.4												TAWNH2540T	□		□		
												TAWKH2540TG		□			

(Nota 1) As dimensões entre parênteses representam as dimensões quando são utilizados os insertos TAWN-U.

(Nota 2) Por favor entre em contato para qualquer geometria que não conste no catálogo (ex.: diâmetro e comprimento diferente.).





● : Estoque mantido. □ : Sem estoque, produzido somente por pedido.

Diâmetros Disponíveis das Brocas D1 (mm)	Prof. de Furo (l/d)	Suporte		Dimensões (mm)								Inserto				
		Referência para Pedido	Estoque	Compr. efetivo do canal	Compr. do Corpo	Comp. Total	Diâm. da Haste					Diâm. da Broca D1 (mm)	Referência para Pedido	Estoque		
														L3	L2	L1
25.5 26.4	3	TAWSN2600S32	●	92.6	115.6	175.6	32	WS406024T	TKY25T	WPT4405	MK1KS	25.5	TAWNH2550T	●		□
													TAWKH2550TG		●	
												25.6	TAWNH2560T	□		□
													TAWKH2560TG		□	
	5	TAWMN2600S32	●	146.6	170.6	230.6	32	WS406024T	TKY25T	WPT4405	MK1KS	25.7	TAWNH2570T	□		□
													TAWKH2570TG		□	
												25.8	TAWNH2580T	□		□
													TAWKH2580TG		□	
												25.9	TAWNH2590T	□		□
													TAWKH2590TG		□	
												26.0	TAWNH2600T	●		□
													TAWKH2600TG		●	
26.1	TAWNH2610T	□		□												
	TAWKH2610TG		□													
8	TAWLN2600S32	●	218	248	308	32	WS406024T	TKY25T	WPT4405	MK1KS	26.2	TAWNH2620T	□		□	
												TAWKH2620TG		□		
											26.3	TAWNH2630T	□		□	
												TAWKH2630TG		□		
26.5 27.4	3	TAWSN2700S32	●	94.6	115.6	175.6	32	WS406024T	TKY25T	WPT4405	MK1KS	26.5	TAWNH2650T	●		□
													TAWKH2650TG		●	
												26.6	TAWNH2660T	□		□
													TAWKH2660TG		□	
	5	TAWMN2700S32	●	151.6	175.6	235.6	32	WS406024T	TKY25T	WPT4405	MK1KS	26.7	TAWNH2670T	□		□
													TAWKH2670TG		□	
												26.8	TAWNH2680T	□		□
													TAWKH2680TG		□	
												26.9	TAWNH2690T	□		□
													TAWKH2690TG		□	
												27.0	TAWNH2700T	●		□
													TAWKH2700TG		●	
27.1	TAWNH2710T	□		□												
	TAWKH2710TG		□													
8	TAWLN2700S32	●	226	256	316	32	WS406024T	TKY25T	WPT4405	MK1KS	27.2	TAWNH2720T	□		□	
												TAWKH2720TG		□		
											27.3	TAWNH2730T	□		□	
												TAWKH2730TG		□		
27.5 28.4	3	TAWSN2800S32	●	97.2	120.2	180.2	32	WS508026T	TKY27T	WPT4405	MK1KS	27.5	TAWNH2750T	●		□
													TAWKH2750TG		●	
												27.6	TAWNH2760T	□		□
													TAWKH2760TG		□	
	5	TAWMN2800S32	●	157.2	180.2	240.2	32	WS508026T	TKY27T	WPT4405	MK1KS	27.7	TAWNH2770T	□		□
													TAWKH2770TG		□	
												27.8	TAWNH2780T	□		□
													TAWKH2780TG		□	
												27.9	TAWNH2790T	□		□
													TAWKH2790TG		□	
												28.0	TAWNH2800T	●		□
													TAWKH2800TG		●	
28.1	TAWNH2810T	□		□												
	TAWKH2810TG		□													
8	TAWLN2800S32	●	234	264	324	32	WS508026T	TKY27T	WPT4405	MK1KS	28.2	TAWNH2820T	□		□	
												TAWKH2820TG		□		
											28.3	TAWNH2830T	□		□	
												TAWKH2830TG		□		
												28.4	TAWNH2840T	□		□
													TAWKH2840TG		□	

FURAÇÃO (TIPO INTERCAMBIÁVEL)

TAW

METAL DURO

Diâmetros Disponíveis das Brocas D1 (mm)	Prof. de Furo (l/d)	Suporte		Dimensões (mm)								Inserto				
		Referência para Pedido	Estoque	Compr. efetivo do canal	Compr. do Corpo	Compr. Total	Diâm. da Haste					Diâm. da Broca D1 (mm)	Referência para Pedido	Estoque		
														L3	L2	L1
28.5 29.4	3	TAWSN2900S32	●	100.2	125.2	185.2	32	WS508027T	TKY27T	WPT4405	MK1KS	28.5	TAWNH2850T	●		□
													TAWKH2850TG		●	
												28.6	TAWNH2860T	□		□
													TAWKH2860TG		□	
												28.7	TAWNH2870T	□		□
													TAWKH2870TG		□	
	5	TAWMN2900S32	●	162.2	185.2	245.2	32	WS508027T	TKY27T	WPT4405	MK1KS	28.8	TAWNH2880T	□		□
													TAWKH2880TG		□	
												28.9	TAWNH2890T	□		□
													TAWKH2890TG		□	
												29.0	TAWNH2900T	●		□
													TAWKH2900TG		●	
8	TAWLN2900S32	●	242	272	332	32	WS508027T	TKY27T	WPT4405	MK1KS	29.1	TAWNH2910T	□		□	
												TAWKH2910TG		□		
											29.2	TAWNH2920T	□		□	
												TAWKH2920TG		□		
											29.3	TAWNH2930T	□		□	
												TAWKH2930TG		□		
29.5 30.4	3	TAWSN3000S32	●	104.2	125.2	185.2	32	WS508027T	TKY27T	WPT4405	MK1KS	29.4	TAWNH2940T	□		□
													TAWKH2940TG		□	
												29.5	TAWNH2950T	●		□
													TAWKH2950TG		●	
												29.6	TAWNH2960T	□		□
													TAWKH2960TG		□	
	5	TAWMN3000S32	●	167.2	195.2	255.2	32	WS508027T	TKY27T	WPT4405	MK1KS	29.7	TAWNH2970T	□		□
													TAWKH2970TG		□	
												29.8	TAWNH2980T	□		□
													TAWKH2980TG		□	
												29.9	TAWNH2990T	□		□
													TAWKH2990TG		□	
8	TAWLN3000S32	●	250	285	345	32	WS508027T	TKY27T	WPT4405	MK1KS	30.0	TAWNH3000T	●		□	
												TAWKH3000TG		●		
											30.1	TAWNH3010T	□		□	
												TAWKH3010TG		□		
											30.2	TAWNH3020T	□		□	
												TAWKH3020TG		□		
30.3	TAWLN3000S32	●	250	285	345	32	WS508027T	TKY27T	WPT4405	MK1KS	30.3	TAWNH3030T	□		□	
												TAWKH3030TG		□		
30.4	TAWNH3040T	□		□												
	TAWKH3040TG		□													

(Nota 1) As dimensões entre parênteses representam as dimensões quando são utilizados os insertos TAWN-U.

(Nota 2) Por favor entre em contato para qualquer geometria que não conste no catálogo (ex.: diâmetro e comprimento diferente.).

FURAÇÃO

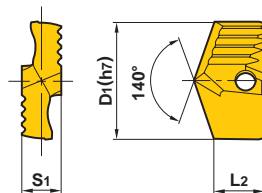
● : Estoque mantido. □ : Sem estoque, produzido somente por pedido.

▲ : Estoque mantido. Será substituído por novos produtos.

(Nota: 1 inserto por embalagem)

INSERTOS

Tipo H



Referência para Pedido	Estoque		Dimensões (mm)			Suporte Correspondente
	VP15TF	VP10H	D1	L2	S1	
TAWNH1400T	▲		14.0	7.6	5.0	TAWSNH 1400S16
1410T	▲		14.1	7.6	5.0	TAWMNH 1400S16
1420T	▲		14.2	7.6	5.0	TAWLNH 1400S16
1430T	▲		14.3	7.6	5.0	
1440T	▲		14.4	7.6	5.0	
1450T	▲		14.5	7.5	5.0	
1460T	▲		14.6	7.5	5.0	
1470T	▲		14.7	7.5	5.0	TAWSNH 1500S20
1480T	▲		14.8	7.5	5.0	
1490T	▲		14.9	7.5	5.0	TAWMNH 1500S20
1500T	▲		15.0	7.4	5.0	
1510T	▲		15.1	7.4	5.0	TAWLNH 1500S20
1520T	▲		15.2	7.4	5.0	
1530T	▲		15.3	7.4	5.0	
1540T	▲		15.4	7.4	5.0	
1550T	▲		15.5	7.9	6.0	
1560T	▲		15.6	7.9	6.0	
1570T	▲		15.7	7.9	6.0	TAWSN 1600S20
1580T	▲		15.8	7.9	6.0	
1590T	▲		15.9	7.9	6.0	TAWMN 1600S20
1600T	▲		16.0	7.8	6.0	
1610T	▲		16.1	7.8	6.0	TAWLN 1600S20
1620T	▲		16.2	7.8	6.0	
1630T	▲		16.3	7.8	6.0	
1640T	▲		16.4	7.8	6.0	
1650T	▲		16.5	7.7	6.0	
1660T	▲		16.6	7.7	6.0	
1670T	▲		16.7	7.7	6.0	TAWSN 1700S20
1680T	▲		16.8	7.7	6.0	
1690T	▲		16.9	7.7	6.0	TAWMN 1700S20
1700T	▲		17.0	7.6	6.0	
1710T	▲		17.1	7.6	6.0	TAWLN 1700S20
1720T	▲		17.2	7.6	6.0	
1730T	▲		17.3	7.6	6.0	
1740T	▲		17.4	7.6	6.0	
1750T	▲		17.5	7.5	6.0	
1760T	▲		17.6	7.5	6.0	
1770T	▲		17.7	7.5	6.0	TAWSN 1800S20
1780T	▲		17.8	7.5	6.0	
1790T	▲		17.9	7.5	6.0	TAWMN 1800S20
1800T	▲		18.0	7.4	6.0	
1810T	▲		18.1	7.4	6.0	TAWLN 1800S20
1820T	▲		18.2	7.4	6.0	
1830T	▲		18.3	7.4	6.0	
1840T	▲		18.4	7.4	6.0	

Referência para Pedido	Estoque		Dimensões (mm)			Suporte Correspondente
	VP15TF	VP10H	D1	L2	S1	
TAWNH1850T	●	□	18.5	9.3	7.0	
1860T	●	□	18.6	9.3	7.0	
1870T	●	□	18.7	9.3	7.0	TAWSN 1900S25
1880T	●	□	18.8	9.3	7.0	
1890T	●	□	18.9	9.3	7.0	TAWMN 1900S25
1900T	●	□	19.0	9.2	7.0	
1910T	●	□	19.1	9.2	7.0	TAWLN 1900S25
1920T	●	□	19.2	9.2	7.0	
1930T	●	□	19.3	9.2	7.0	
1940T	●	□	19.4	9.2	7.0	
1950T	●	□	19.5	9.1	7.0	
1960T	●	□	19.6	9.1	7.0	
1970T	●	□	19.7	9.1	7.0	TAWSN 2000S25
1980T	●	□	19.8	9.1	7.0	
1990T	●	□	19.9	9.1	7.0	TAWMN 2000S25
2000T	●	□	20.0	9.0	7.0	
2010T	□	□	20.1	9.0	7.0	TAWLN 2000S25
2020T	□	□	20.2	9.0	7.0	
2030T	□	□	20.3	9.0	7.0	
2040T	□	□	20.4	9.0	7.0	
2050T	●	□	20.5	8.9	7.0	
2060T	□	□	20.6	8.9	7.0	
2070T	□	□	20.7	8.9	7.0	TAWSN 2100S25
2080T	□	□	20.8	8.9	7.0	
2090T	□	□	20.9	8.9	7.0	TAWMN 2100S25
2100T	●	□	21.0	8.8	7.0	
2110T	□	□	21.1	8.8	7.0	TAWLN 2100S25
2120T	□	□	21.2	8.8	7.0	
2130T	□	□	21.3	8.8	7.0	
2140T	□	□	21.4	8.8	7.0	
2150T	●	□	21.5	10.6	8.0	
2160T	□	□	21.6	10.6	8.0	
2170T	□	□	21.7	10.6	8.0	TAWSN 2200S25
2180T	□	□	21.8	10.6	8.0	
2190T	□	□	21.9	10.6	8.0	TAWMN 2200S25
2200T	●	□	22.0	10.5	8.0	
2210T	□	□	22.1	10.5	8.0	TAWLN 2200S25
2220T	□	□	22.2	10.5	8.0	
2230T	□	□	22.3	10.5	8.0	
2240T	□	□	22.4	10.5	8.0	
2250T	●	□	22.5	10.4	8.0	TAWSN 2300S25
2260T	□	□	22.6	10.4	8.0	TAWMN 2300S25
2270T	□	□	22.7	10.4	8.0	TAWLN 2300S25
2280T	□	□	22.8	10.4	8.0	
2290T	□	□	22.9	10.4	8.0	

Referência para Pedido	Estoque		Dimensões (mm)			Suporte Correspondente
	VPI5TF	VPI0H	D1	L2	S1	
TAWNH2300T	●	□	23.0	10.3	8.0	TAWSN 2300S25
2310T	□	□	23.1	10.3	8.0	TAWMN 2300S25
2320T	□	□	23.2	10.3	8.0	TAWLN 2300S25
2330T	□	□	23.3	10.3	8.0	
2340T	□	□	23.4	10.3	8.0	
2350T	●	□	23.5	10.2	8.0	
2360T	□	□	23.6	10.2	8.0	
2370T	□	□	23.7	10.2	8.0	TAWSN 2400S32
2380T	□	□	23.8	10.2	8.0	
2390T	□	□	23.9	10.2	8.0	TAWMN 2400S32
2400T	●	□	24.0	10.1	8.0	TAWLN 2400S32
2410T	□	□	24.1	10.1	8.0	
2420T	□	□	24.2	10.1	8.0	
2430T	□	□	24.3	10.1	8.0	
2440T	□	□	24.4	10.1	8.0	
2450T	●	□	24.5	11.7	9.0	
2460T	□	□	24.6	11.7	9.0	TAWSN 2500S32
2470T	□	□	24.7	11.7	9.0	
2480T	□	□	24.8	11.7	9.0	TAWMN 2500S32
2490T	□	□	24.9	11.7	9.0	TAWLN 2500S32
2500T	●	□	25.0	11.6	9.0	
2510T	□	□	25.1	11.6	9.0	
2520T	□	□	25.2	11.6	9.0	
2530T	□	□	25.3	11.6	9.0	
2540T	□	□	25.4	11.6	9.0	
2550T	●	□	25.5	11.5	9.0	
2560T	□	□	25.6	11.5	9.0	TAWSN 2600S32
2570T	□	□	25.7	11.5	9.0	
2580T	□	□	25.8	11.5	9.0	TAWMN 2600S32
2590T	□	□	25.9	11.5	9.0	TAWLN 2600S32
2600T	●	□	26.0	11.4	9.0	
2610T	□	□	26.1	11.4	9.0	
2620T	□	□	26.2	11.4	9.0	
2630T	□	□	26.3	11.4	9.0	
2640T	□	□	26.4	11.4	9.0	
2650T	●	□	26.5	11.3	9.0	
2660T	□	□	26.6	11.3	9.0	TAWSN 2700S32
2670T	□	□	26.7	11.3	9.0	
2680T	□	□	26.8	11.3	9.0	TAWMN 2700S32
2690T	□	□	26.9	11.3	9.0	TAWLN 2700S32
2700T	●	□	27.0	11.2	9.0	
2710T	□	□	27.1	11.2	9.0	
2720T	□	□	27.2	11.2	9.0	
2730T	□	□	27.3	11.2	9.0	
2740T	□	□	27.4	11.2	9.0	

Referência para Pedido	Estoque		Dimensões (mm)			Suporte Correspondente
	VPI5TF	VPI0H	D1	L2	S1	
TAWNH2750T	●	□	27.5	12.3	10.0	
2760T	□	□	27.6	12.3	10.0	TAWSN 2800S32
2770T	□	□	27.7	12.3	10.0	
2780T	□	□	27.8	12.3	10.0	TAWMN 2800S32
2790T	□	□	27.9	12.3	10.0	TAWLN 2800S32
2800T	●	□	28.0	12.2	10.0	
2810T	□	□	28.1	12.2	10.0	
2820T	□	□	28.2	12.2	10.0	
2830T	□	□	28.3	12.2	10.0	
2840T	□	□	28.4	12.2	10.0	
2850T	●	□	28.5	12.1	10.0	
2860T	□	□	28.6	12.1	10.0	TAWSN 2900S32
2870T	□	□	28.7	12.1	10.0	
2880T	□	□	28.8	12.1	10.0	TAWMN 2900S32
2890T	□	□	28.9	12.1	10.0	TAWLN 2900S32
2900T	●	□	29.0	12.0	10.0	
2910T	□	□	29.1	12.0	10.0	
2920T	□	□	29.2	12.0	10.0	
2930T	□	□	29.3	12.0	10.0	
2940T	□	□	29.4	12.0	10.0	
2950T	●	□	29.5	11.9	10.0	
2960T	□	□	29.6	11.9	10.0	TAWSN 3000S32
2970T	□	□	29.7	11.9	10.0	
2980T	□	□	29.8	11.9	10.0	TAWMN 3000S32
2990T	□	□	29.9	11.9	10.0	TAWLN 3000S32
3000T	●	□	30.0	11.8	10.0	
3010T	□	□	30.1	11.8	10.0	
3020T	□	□	30.2	11.8	10.0	
3030T	□	□	30.3	11.8	10.0	
3040T	□	□	30.4	11.8	10.0	

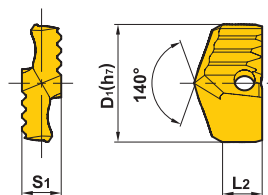
● : Estoque mantido. □ : Sem estoque, produzido somente por pedido.

▲ : Estoque mantido. Será substituído por novos produtos.

(Nota: 1 inserto por embalagem)

INSERTOS

Tipo H
(Ferro Fundido)



Referência para Pedido	Estoque DP5010	Dimensões (mm)			Suporte Correspondente
		D1	L2	S1	
TAWKH1400TG	▲	14.0	7.1	5.0	TAWSNH 1400S16
1410TG	▲	14.1	7.1	5.0	TAWMNH 1400S16
1420TG	▲	14.2	7.1	5.0	TAWLNH 1400S16
1430TG	▲	14.3	7.1	5.0	TAWLNH 1400S16
1440TG	▲	14.4	7.1	5.0	TAWLNH 1400S16
1450TG	▲	14.5	7.0	5.0	
1460TG	▲	14.6	7.0	5.0	
1470TG	▲	14.7	7.0	5.0	TAWSNH 1500S20
1480TG	▲	14.8	7.0	5.0	TAWMNH 1500S20
1490TG	▲	14.9	7.0	5.0	TAWMNH 1500S20
1500TG	▲	15.0	6.9	5.0	TAWMNH 1500S20
1510TG	▲	15.1	6.9	5.0	TAWLNH 1500S20
1520TG	▲	15.2	6.9	5.0	TAWLNH 1500S20
1530TG	▲	15.3	6.9	5.0	TAWLNH 1500S20
1540TG	▲	15.4	6.9	5.0	TAWLNH 1500S20
1550TG	▲	15.5	7.3	6.0	
1560TG	▲	15.6	7.3	6.0	
1570TG	▲	15.7	7.3	6.0	TAWSN 1600S20
1580TG	▲	15.8	7.3	6.0	TAWSN 1600S20
1590TG	▲	15.9	7.3	6.0	TAWMN 1600S20
1600TG	▲	16.0	7.2	6.0	TAWMN 1600S20
1610TG	▲	16.1	7.2	6.0	TAWLN 1600S20
1620TG	▲	16.2	7.2	6.0	TAWLN 1600S20
1630TG	▲	16.3	7.2	6.0	TAWLN 1600S20
1640TG	▲	16.4	7.2	6.0	TAWLN 1600S20
1650TG	▲	16.5	7.1	6.0	
1660TG	▲	16.6	7.1	6.0	
1670TG	▲	16.7	7.1	6.0	TAWSN 1700S20
1680TG	▲	16.8	7.1	6.0	TAWSN 1700S20
1690TG	▲	16.9	7.1	6.0	TAWMN 1700S20
1700TG	▲	17.0	7.0	6.0	TAWMN 1700S20
1710TG	▲	17.1	7.0	6.0	TAWLN 1700S20
1720TG	▲	17.2	7.0	6.0	TAWLN 1700S20
1730TG	▲	17.3	7.0	6.0	TAWLN 1700S20
1740TG	▲	17.4	7.0	6.0	TAWLN 1700S20
1750TG	▲	17.5	6.8	6.0	
1760TG	▲	17.6	6.8	6.0	
1770TG	▲	17.7	6.8	6.0	TAWSN 1800S20
1780TG	▲	17.8	6.8	6.0	TAWSN 1800S20
1790TG	▲	17.9	6.8	6.0	TAWMN 1800S20
1800TG	▲	18.0	6.8	6.0	TAWMN 1800S20
1810TG	▲	18.1	6.8	6.0	TAWLN 1800S20
1820TG	▲	18.2	6.8	6.0	TAWLN 1800S20
1830TG	▲	18.3	6.8	6.0	TAWLN 1800S20
1840TG	▲	18.4	6.8	6.0	TAWLN 1800S20

Referência para Pedido	Estoque DP5010	Dimensões (mm)			Suporte Correspondente
		D1	L2	S1	
TAWKH1850TG	●	18.5	8.6	7.0	
1860TG	●	18.6	8.6	7.0	
1870TG	●	18.7	8.6	7.0	TAWSN 1900S25
1880TG	●	18.8	8.6	7.0	TAWSN 1900S25
1890TG	●	18.9	8.6	7.0	TAWMN 1900S25
1900TG	●	19.0	8.5	7.0	TAWMN 1900S25
1910TG	●	19.1	8.5	7.0	TAWLN 1900S25
1920TG	●	19.2	8.5	7.0	TAWLN 1900S25
1930TG	●	19.3	8.5	7.0	TAWLN 1900S25
1940TG	●	19.4	8.5	7.0	TAWLN 1900S25
1950TG	●	19.5	8.4	7.0	
1960TG	●	19.6	8.4	7.0	
1970TG	●	19.7	8.4	7.0	TAWSN 2000S25
1980TG	●	19.8	8.4	7.0	TAWSN 2000S25
1990TG	●	19.9	8.4	7.0	TAWMN 2000S25
2000TG	●	20.0	8.3	7.0	TAWMN 2000S25
2010TG	□	20.1	8.3	7.0	TAWLN 2000S25
2020TG	□	20.2	8.3	7.0	TAWLN 2000S25
2030TG	□	20.3	8.3	7.0	TAWLN 2000S25
2040TG	□	20.4	8.3	7.0	TAWLN 2000S25
2050TG	●	20.5	8.2	7.0	
2060TG	□	20.6	8.2	7.0	
2070TG	□	20.7	8.2	7.0	TAWSN 2100S25
2080TG	□	20.8	8.2	7.0	TAWSN 2100S25
2090TG	□	20.9	8.2	7.0	TAWMN 2100S25
2100TG	●	21.0	8.1	7.0	TAWMN 2100S25
2110TG	□	21.1	8.1	7.0	TAWLN 2100S25
2120TG	□	21.2	8.1	7.0	TAWLN 2100S25
2130TG	□	21.3	8.1	7.0	TAWLN 2100S25
2140TG	□	21.4	8.1	7.0	TAWLN 2100S25
2150TG	●	21.5	9.8	8.0	
2160TG	□	21.6	9.8	8.0	
2170TG	□	21.7	9.8	8.0	TAWSN 2200S25
2180TG	□	21.8	9.8	8.0	TAWSN 2200S25
2190TG	□	21.9	9.8	8.0	TAWMN 2200S25
2200TG	●	22.0	9.7	8.0	TAWMN 2200S25
2210TG	□	22.1	9.7	8.0	TAWLN 2200S25
2220TG	□	22.2	9.7	8.0	TAWLN 2200S25
2230TG	□	22.3	9.7	8.0	TAWLN 2200S25
2240TG	□	22.4	9.7	8.0	TAWLN 2200S25
2250TG	●	22.5	9.6	8.0	TAWSN 2300S25
2260TG	□	22.6	9.6	8.0	TAWMN 2300S25
2270TG	□	22.7	9.6	8.0	TAWMN 2300S25
2280TG	□	22.8	9.6	8.0	TAWLN 2300S25
2290TG	□	22.9	9.6	8.0	TAWLN 2300S25

Referência para Pedido	Estoque	Dimensões (mm)			Suporte Correspondente
	DP5010	D1	L2	S1	
TAWKH2300TG	●	23.0	9.5	8.0	TAWSN 2300S25
2310TG	□	23.1	9.5	8.0	
2320TG	□	23.2	9.5	8.0	
2330TG	□	23.3	9.5	8.0	
2340TG	□	23.4	9.5	8.0	
2350TG	●	23.5	9.4	8.0	TAWSN 2400S32
2360TG	□	23.6	9.4	8.0	
2370TG	□	23.7	9.4	8.0	
2380TG	□	23.8	9.4	8.0	
2390TG	□	23.9	9.4	8.0	
2400TG	●	24.0	9.3	8.0	
2410TG	□	24.1	9.3	8.0	
2420TG	□	24.2	9.3	8.0	
2430TG	□	24.3	9.3	8.0	
2440TG	□	24.4	9.3	8.0	
2450TG	●	24.5	10.8	9.0	TAWSN 2500S32
2460TG	□	24.6	10.8	9.0	
2470TG	□	24.7	10.8	9.0	
2480TG	□	24.8	10.8	9.0	
2490TG	□	24.9	10.8	9.0	
2500TG	●	25.0	10.7	9.0	
2510TG	□	25.1	10.7	9.0	
2520TG	□	25.2	10.7	9.0	
2530TG	□	25.3	10.7	9.0	
2540TG	□	25.4	10.7	9.0	
2550TG	●	25.5	10.6	9.0	TAWSN 2600S32
2560TG	□	25.6	10.6	9.0	
2570TG	□	25.7	10.6	9.0	
2580TG	□	25.8	10.6	9.0	
2590TG	□	25.9	10.6	9.0	
2600TG	●	26.0	10.5	9.0	
2610TG	□	26.1	10.5	9.0	
2620TG	□	26.2	10.5	9.0	
2630TG	□	26.3	10.5	9.0	
2640TG	□	26.4	10.5	9.0	
2650TG	●	26.5	10.4	9.0	TAWSN 2700S32
2660TG	□	26.6	10.4	9.0	
2670TG	□	26.7	10.4	9.0	
2680TG	□	26.8	10.4	9.0	
2690TG	□	26.9	10.4	9.0	
2700TG	●	27.0	10.3	9.0	
2710TG	□	27.1	10.3	9.0	
2720TG	□	27.2	10.3	9.0	
2730TG	□	27.3	10.3	9.0	
2740TG	□	27.4	10.3	9.0	

Referência para Pedido	Estoque	Dimensões (mm)			Suporte Correspondente
	DP5010	D1	L2	S1	
TAWKH2750TG	●	27.5	11.3	10.0	TAWSN 2800S32
2760TG	□	27.6	11.3	10.0	
2770TG	□	27.7	11.3	10.0	
2780TG	□	27.8	11.3	10.0	
2790TG	□	27.9	11.3	10.0	
2800TG	●	28.0	11.2	10.0	
2810TG	□	28.1	11.2	10.0	
2820TG	□	28.2	11.2	10.0	
2830TG	□	28.3	11.2	10.0	
2840TG	□	28.4	11.2	10.0	
2850TG	●	28.5	11.1	10.0	TAWSN 2900S32
2860TG	□	28.6	11.1	10.0	
2870TG	□	28.7	11.1	10.0	
2880TG	□	28.8	11.1	10.0	
2890TG	□	28.9	11.1	10.0	
2900TG	●	29.0	11.0	10.0	
2910TG	□	29.1	11.0	10.0	
2920TG	□	29.2	11.0	10.0	
2930TG	□	29.3	11.0	10.0	
2940TG	□	29.4	11.0	10.0	
2950TG	●	29.5	10.9	10.0	TAWSN 3000S32
2960TG	□	29.6	10.9	10.0	
2970TG	□	29.7	10.9	10.0	
2980TG	□	29.8	10.9	10.0	
2990TG	□	29.9	10.9	10.0	
3000TG	●	30.0	10.8	10.0	
3010TG	□	30.1	10.8	10.0	
3020TG	□	30.2	10.8	10.0	
3030TG	□	30.3	10.8	10.0	
3040TG	□	30.4	10.8	10.0	

CONDIÇÕES DE CORTE RECOMENDADAS

Material	Diâm. da Broca Condições Dureza	φ14.0—φ15.4		φ15.5—φ18.4		φ18.5—φ21.4	
		Vel. de Corte (m/min)	Avanço (mm/rot)	Vel. de Corte (m/min)	Avanço (mm/rot)	Vel. de Corte (m/min)	Avanço (mm/rot)
P Aço Médio	≤180HB	70 (60—90)	0.20 (0.15—0.25)	80 (60—100)	0.25 (0.20—0.30)	90 (70—110)	0.25 (0.20—0.30)
	180—280HB	70 (60—90)	0.20 (0.15—0.25)	80 (60—100)	0.25 (0.20—0.30)	80 (60—100)	0.25 (0.20—0.30)
Aço Carbono Aço Liga	280—350HB	60 (50—80)	0.15 (0.12—0.18)	70 (50—90)	0.20 (0.15—0.25)	70 (50—90)	0.20 (0.15—0.25)
	≤200HB	50 (40—60)	0.15 (0.12—0.18)	50 (40—60)	0.15 (0.12—0.18)	60 (50—70)	0.20 (0.15—0.22)
M Aço Inoxidável	≤200HB	50 (40—60)	0.15 (0.12—0.18)	50 (40—60)	0.15 (0.12—0.18)	60 (50—70)	0.20 (0.15—0.22)
K Ferro Fundido Cinzento	Resistência à Tração ≤350MPa	70 (50—90)	0.20 (0.15—0.25)	100 (60—120)	0.25 (0.20—0.30)	120 (60—140)	0.25 (0.20—0.30)
	Resistência à Tração ≤450MPa	70 (50—90)	0.20 (0.15—0.25)	80 (60—90)	0.25 (0.20—0.30)	80 (60—90)	0.25 (0.20—0.30)
Ferro Fundido Nodular	Resistência à Tração ≤450MPa	70 (50—90)	0.20 (0.15—0.25)	80 (60—90)	0.25 (0.20—0.30)	80 (60—90)	0.25 (0.20—0.30)

Material	Diâm. da Broca Condições Dureza	φ21.5—φ24.4		φ24.5—φ27.4		φ27.5—φ30.4	
		Vel. de Corte (m/min)	Avanço (mm/rot)	Vel. de Corte (m/min)	Avanço (mm/rot)	Vel. de Corte (m/min)	Avanço (mm/rot)
P Aço Médio	≤180HB	100 (80—120)	0.30 (0.25—0.35)	110 (80—120)	0.30 (0.25—0.35)	110 (80—120)	0.30 (0.25—0.35)
	180—280HB	90 (70—110)	0.30 (0.25—0.35)	100 (80—120)	0.30 (0.25—0.35)	100 (80—120)	0.30 (0.25—0.35)
Aço Carbono Aço Liga	280—350HB	80 (60—100)	0.25 (0.20—0.30)	90 (70—110)	0.25 (0.20—0.30)	90 (70—110)	0.25 (0.20—0.30)
	≤200HB	60 (50—70)	0.20 (0.15—0.22)	70 (60—80)	0.25 (0.20—0.28)	70 (60—80)	0.25 (0.20—0.28)
M Aço Inoxidável	≤200HB	60 (50—70)	0.20 (0.15—0.22)	70 (60—80)	0.25 (0.20—0.28)	70 (60—80)	0.25 (0.20—0.28)
K Ferro Fundido Cinzento	Resistência à Tração ≤350MPa	130 (80—150)	0.35 (0.25—0.40)	140 (90—160)	0.35 (0.25—0.40)	140 (90—160)	0.40 (0.30—0.45)
	Resistência à Tração ≤450MPa	90 (60—100)	0.30 (0.25—0.35)	100 (80—110)	0.30 (0.25—0.35)	100 (80—110)	0.30 (0.25—0.35)
Ferro Fundido Nodular	Resistência à Tração ≤450MPa	90 (60—100)	0.30 (0.25—0.35)	100 (80—110)	0.30 (0.25—0.35)	100 (80—110)	0.30 (0.25—0.35)

(Nota 1) Ao utilizar suportes 8D, reduza a velocidade de corte em aprox. 20%.

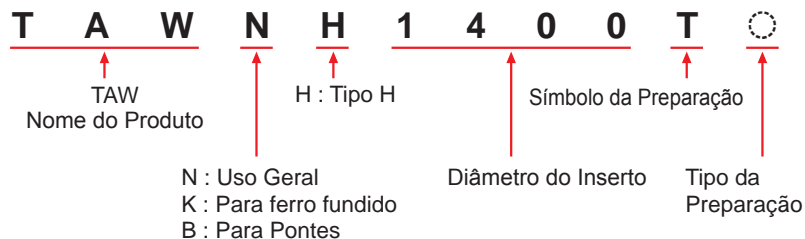
(Nota 2) Ao utilizar suportes 8D, recomenda-se utilizar um furo de guia.

(Nota 3) A preparação de aresta (*honing*) é recomendada para a usinagem de aços baixo carbono e inoxidáveis.

PREPARAÇÃO DE ARESTA

Se um inserto com preparação de aresta for necessário, solicite utilizando o símbolo abaixo, o que melhor lhe atender.

(Referência para Pedido do Inserto)



(Preparação Standard)

Tipo da Preparação	Espessura da Preparação (mm)
F	0
G	0.02—0.05
H	0.05—0.10
(Standard)	0.10—0.15
K	0.15—0.20
S	0.20—0.25
M	0.25—0.30

UTILIZAÇÃO

INSTALAÇÃO DO INSERTO

- Solte o parafuso de fixação para inserir o inserto.
- Encaixe corretamente o inserto nas serrilhas do suporte e então deslize-o algumas vezes para que encaixe corretamente.
- Aperte o parafuso de fixação utilizando o chave torque enquanto segura o inserto como mostrado. (Figura 1)
- Verifique se não há nenhuma folga entre a base do inserto com o suporte. (Figura 2)

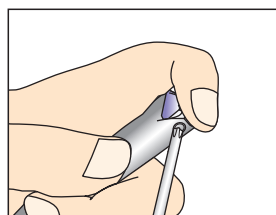


Fig. 1

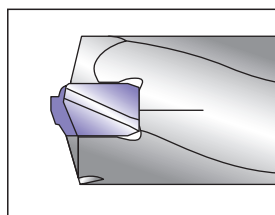


Fig. 2

Folga

SUBSTITUIÇÃO DO INSERTO

- Deixe as serrilhas do suporte limpas e deslizantes antes de colocar um novo inserto.

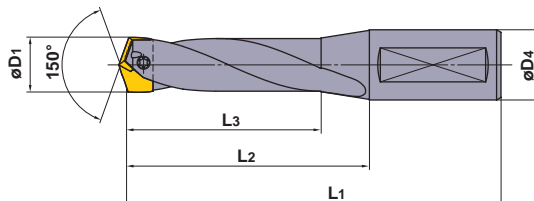
FURAÇÃO (TIPO INTERCAMBIÁVEL)

TAW

METAL DURO

Aço Carbono Aço Liga	Aço Endurecido	Aço Inoxidável	Ferro Fundido	Ligas Leves	Ligas Resistentes ao Calor
☉					

(Para Usinagem de Ponte)



SUPORTES

Diâmetros Disponíveis das Brocas D1 (mm)	Prof. de Furo (l/d)	Suporte		Inserto			Dimensões (mm)				Parafuso de Fixação	Chave	Limpador	Lubrificante Antitravante
		Referência para Pedido	Estoque	Diâm. da Broca D1 (mm)	Referência para Pedido	Estoque VP15TF	Compr. efetivo do canal L3	Compr. do Corpo L2	Compr. Total L1	Diâm. da Haste D4				
24.5	3	TAWSB2500S32	●	24.5	TAWBH2450T	●	88.6	110.6	170.6	32	WS406023T	TKY25T	WPT4405	MK1KS
24.6	5	TAWMB2500S32	□	24.6	TAWBH2460T	□	140.6	165.6	225.6	32	WS406023T	TKY25T	WPT4405	MK1KS
24.7				24.7	TAWBH2470T	●								
26.5	3	TAWSB2700S32	●	26.5	TAWBH2650T	□	94.6	115.6	175.6	32	WS406024T	TKY25T	WPT4405	MK1KS
26.7	5	TAWMB2700S32	□	26.7	TAWB2670T	●	151.6	175.6	235.6	32	WS406024T	TKY25T	WPT4405	MK1KS
					TAWBH2670T	●								

(Nota 1) As dimensões acima correspondem à montagem do inserto TAWBH (tipo H).

(Nota 2) Por favor entre em contato para qualquer geometria que não conste no catálogo (ex.: diâmetro e comprimento diferente.).

● : Estoque mantido. □ : Sem estoque, produzido somente por pedido.

INSERTOS

Formato	Referência para Pedido	Estoque VP15TF	Dimensões (mm)			Suporte Correspondente	Preparação da aresta (mm)	Geometria
			D1	L2	S1			
	TAWBH2450T	●	24.5	11.7	9.0	TAWSB2500S32 TAWMB2500S32	0.20–0.25	
	2460T	□	24.6	11.7	9.0			
	2470T	●	24.7	11.7	9.0			
	2650T	□	26.5	11.3	9.0	TAWSB2700S32 TAWMB2700S32		
	2670T	●	26.7	11.3	9.0			

● : Estoque mantido. □ : Sem estoque, produzido somente por pedido.

(Nota: 1 inserto por embalagem)

CONDIÇÕES DE CORTE RECOMENDADAS

Material	Diâm. da Broca	Condições Dureza	φ24.5, φ24.6, φ24.7		φ26.5, φ26.7	
			Vel. de Corte (m/min)	Avanço (mm/rot)	Vel. de Corte (m/min)	Avanço (mm/rot)
P Aço Estrutural	SS400	Resistência à Tração ≤400–500MPa	70 (60–80)	0.30 (0.25–0.35)	70 (60–80)	0.30 (0.25–0.35)
	SM490	Resistência à Tração ≤490–610MPa	65 (55–75)	0.30 (0.25–0.35)	65 (55–75)	0.30 (0.25–0.35)
	SM570	Resistência à Tração ≤570–720MPa	60 (50–70)	0.30 (0.25–0.35)	60 (50–70)	0.30 (0.25–0.35)

FURAÇÃO

● : Estoque mantido. □ : Sem estoque, produzido somente por pedido.

▲ : Estoque mantido. Será substituído por novos produtos.