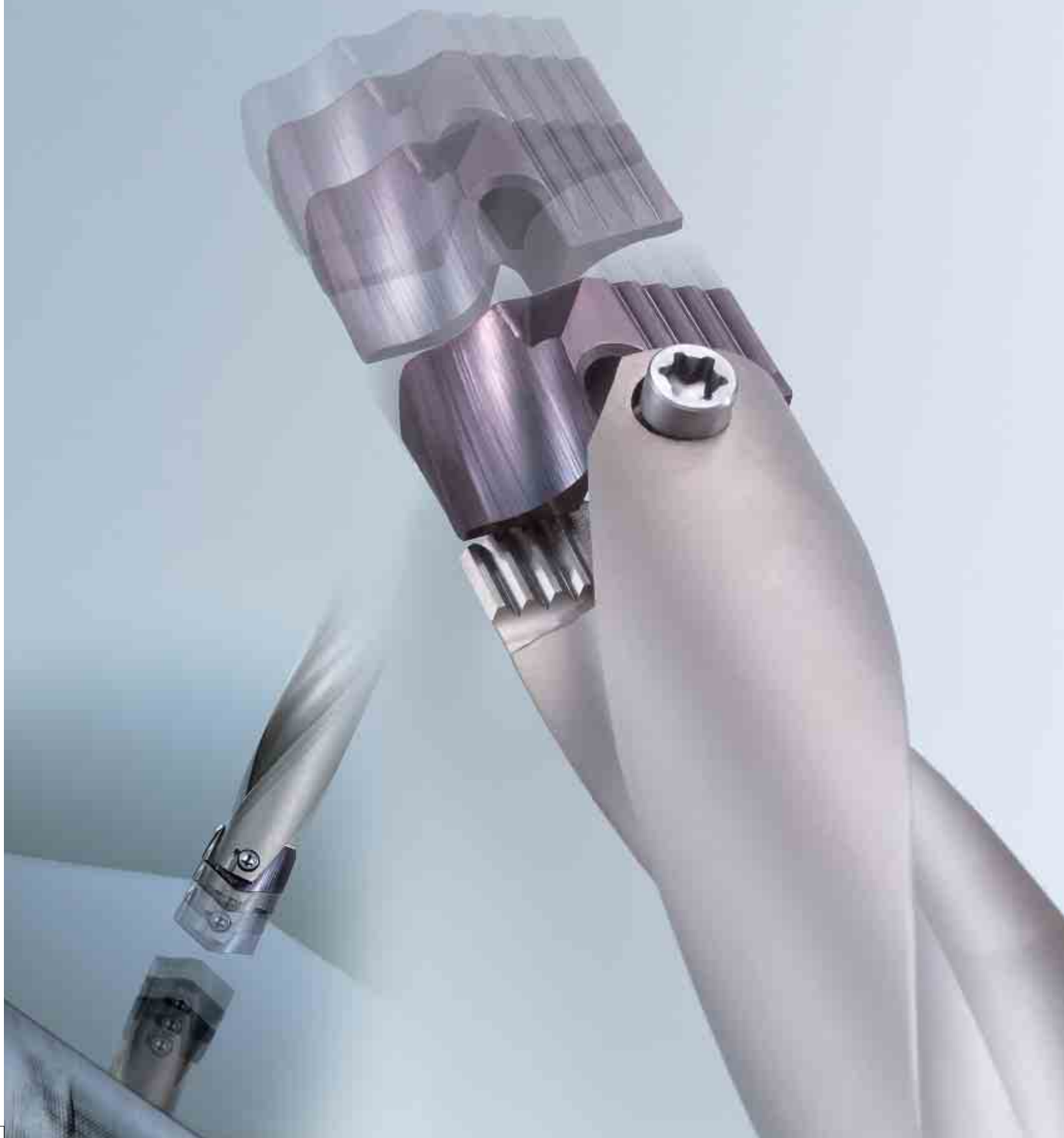


**TALADRADO**

***TAW***  
**Rendimiento estable gracias a una broca  
versátil de placa intercambiable.**



# TALADRADO

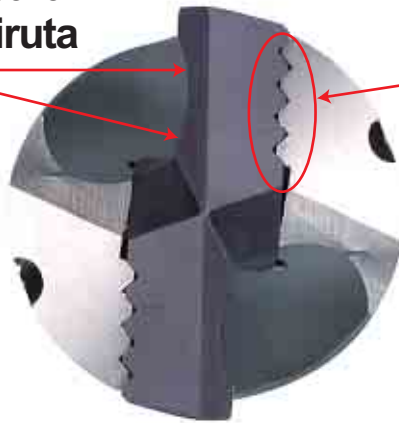
## ■ Características

# Broca **TAW**

### Diseñada para taladrados de gran precisión

#### Filo de corte ondulado para un mejor control de la viruta

El diseño en ondas logra un rendimiento de corte periférico y afilado con un sólido punto de corte inicial cerca del centro.



Forma del filo de corte

#### Geometría de fijación de placa dentada

La estructura en dientes exclusiva de Mitsubishi permite una precisión de fijado elevada y duradera.



### Larga vida de la herramienta

- La calidad VP15TF con recubrimiento MIRACLE ofrece una vida de la herramienta excepcional.



VP15TF

Recubrimiento  
MIRACLE  
(Al,Ti)N

Metal duro  
micrograno  
TF15

#### Características de **VP15TF**

El recubrimiento MIRACLE es ideal para taladrar gracias a su elevada resistencia al recrecimiento del filo. Es apto para el mecanizado de una amplia gama de materiales, desde el acero dulce y el acero aleado hasta el acero inoxidable y la fundición.

### Cuerpos de gran durabilidad

- El tratamiento especial de la superficie de los cuerpos de acero aleado especiales de gran resistencia térmica incrementa la resistencia a la corrosión y a la abrasión.



### Económico

#### Sin rectificado

- Elimina la necesidad de realizar rectificadas y recubrimientos problemáticos de brocas soldadas.
- Invalida los problemas de calidad que pueden surgir tras el rectificado de las brocas soldadas. (Tras un rectificado, los cambios dimensionales conllevan la disminución de la vida de la herramienta).

#### Stock reducido

- Reduce el stock de portaherramientas para cada diámetro de broca ya que en el mismo cuerpo se pueden instalar placas con diámetros diferentes.

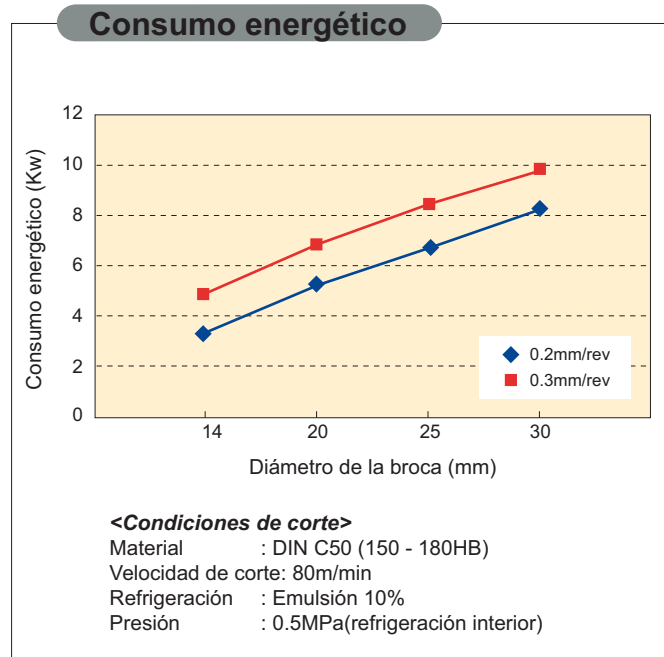
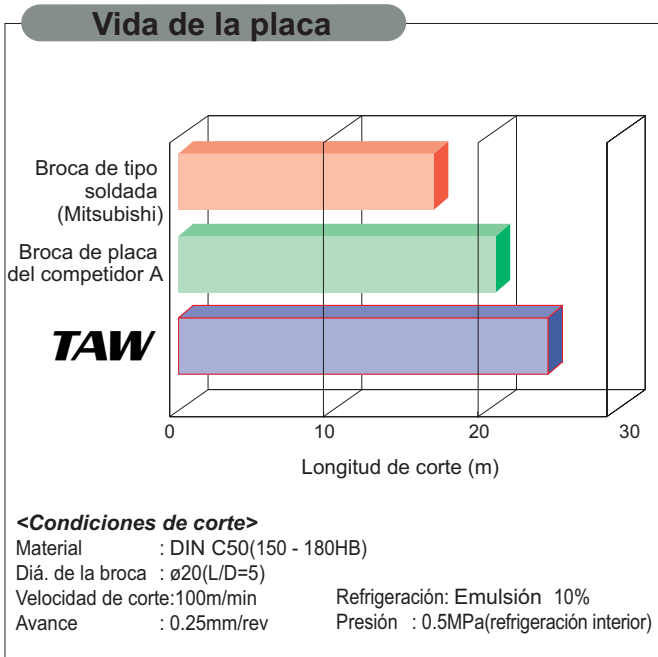
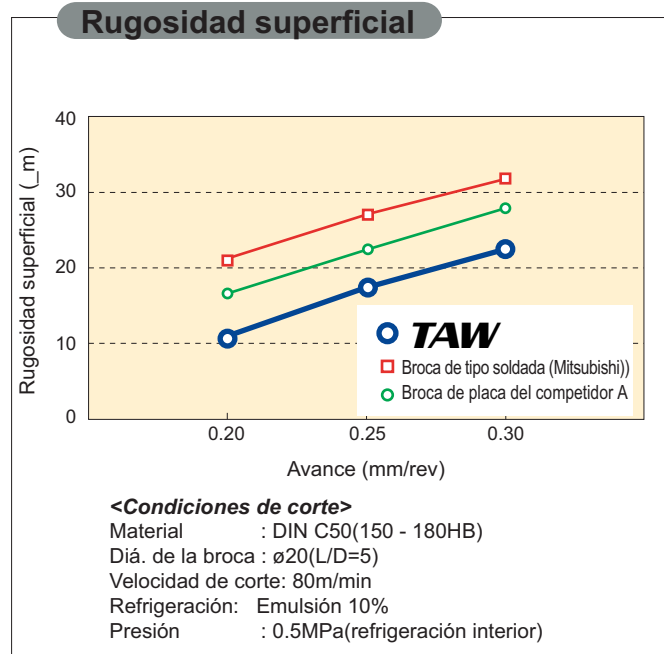
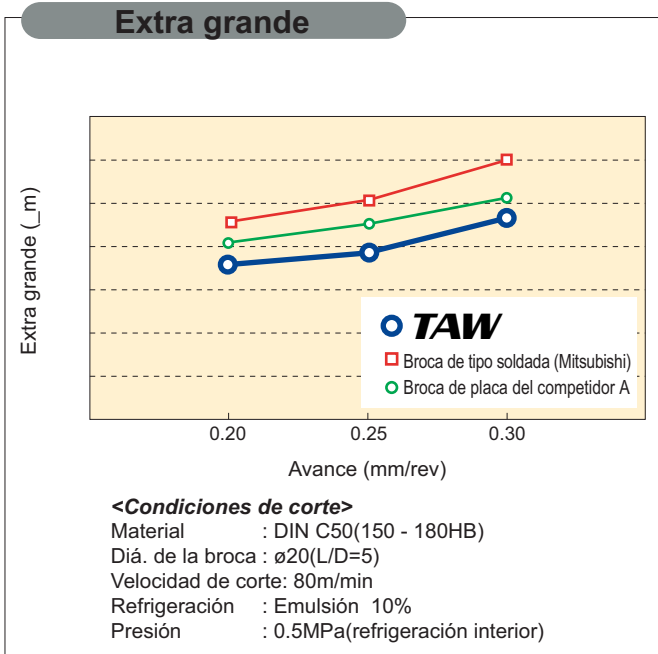
### Fácil manejo

- Las placas se pueden sustituir fácilmente con tan sólo aflojar un único tornillo de ajuste.



TAW

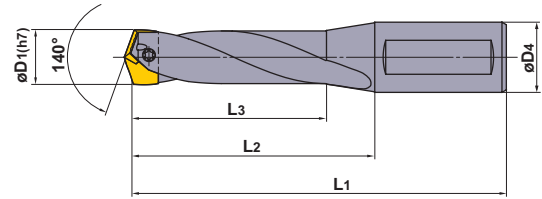
## ■ Rendimiento de corte



# TALADRADO

■ (Uso general)

## TAW



Rango diá. de la broca D1 (mm)	Prof. agujero (l/d)	Herramienta		Placa		Dimensiones (mm)				Tomillo de ajuste	Llave	Plancha	Lubrificante antiadherente		
		Número de pedido	Stock	Diá. broca D1 (mm)	Número de pedido	Stock	D4	L1	L2					L3	
14.0 14.4	3	TAWSN1400S16	●	14.0	TAWN1400T	●	□	16	115	67	51	WS254012T	TKY08D	WPT4405	MK1KS
				14.1	TAWN1410T	●	□								
				14.2	TAWN1420T	●	□								
	5	TAWMN1400S16	●	14.3	TAWN1430T	●	□	16	145	97	80	WS254012T	TKY08D	WPT4405	MK1KS
				14.4	TAWN1440T	●	□								
14.5 15.4	3	TAWSN1500S20	●	14.5	TAWN1450T	●	□	20	125	75	54	WS254013T	TKY08D	WPT4405	MK1KS
				14.6	TAWN1460T	●	□								
				14.7	TAWN1470T	●	□								
				14.8	TAWN1480T	●	□								
				14.9	TAWN1490T	●	□								
	5	TAWMN1500S20	●	15.0	TAWN1500T	●	□	20	155	105	85	WS254013T	TKY08D	WPT4405	MK1KS
				15.1	TAWN1510T	●	□								
				15.2	TAWN1520T	●	□								
				15.3	TAWN1530T	●	□								
				15.4	TAWN1540T	●	□								
15.5 16.4	3	TAWSN1600S20	●	15.5	TAWN1550T	●	□	20	130	80	58	WS254014T	TKY08D	WPT4405	MK1KS
				15.6	TAWN1560T	●	□								
				15.7	TAWN1570T	●	□								
				15.8	TAWN1580T	●	□								
				15.9	TAWN1590T	●	□								
	5	TAWMN1600S20	●	16.0	TAWN1600T	●	□	20	165	115	91	WS254014T	TKY08D	WPT4405	MK1KS
				16.1	TAWN1610T	●	□								
				16.2	TAWN1620T	●	□								
				16.3	TAWN1630T	●	□								
				16.4	TAWN1640T	●	□								
16.5 17.4	3	TAWSN1700S20	●	16.5	TAWN1650T	●	□	20	135	85	61	WS254015T	TKY08D	WPT4405	MK1KS
				16.6	TAWN1660T	●	□								
				16.7	TAWN1670T	●	□								
				16.8	TAWN1680T	●	□								
				16.9	TAWN1690T	●	□								
	5	TAWMN1700S20	●	17.0	TAWN1700T	●	□	20	170	120	96	WS254015T	TKY08D	WPT4405	MK1KS
				17.1	TAWN1710T	●	□								
				17.2	TAWN1720T	●	□								
				17.3	TAWN1730T	●	□								
				17.4	TAWN1740T	●	□								
17.5 18.4	3	TAWSN1800S20	●	17.5	TAWN1750T	●	□	20	140	90	65	WS254016T	TKY08D	WPT4405	MK1KS
				17.6	TAWN1760T	●	□								
				17.7	TAWN1770T	●	□								
				17.8	TAWN1780T	●	□								
				17.9	TAWN1790T	●	□								
	5	TAWMN1800S20	●	18.0	TAWN1800T	●	□	20	175	125	102	WS254016T	TKY08D	WPT4405	MK1KS
				18.1	TAWN1810T	●	□								
				18.2	TAWN1820T	●	□								
				18.3	TAWN1830T	●	□								
				18.4	TAWN1840T	●	□								

Nota) Póngase en contacto con nosotros para aquellas geometrías que no aparezcan en esta información (por ejemplo, bajo pedido se pueden fabricar diámetros y longitudes diferentes y brocas con biselados chaflanados).

- : Stock
- ★: Stocken Japón
- : A fabricar según demanda

■ (Uso general)

# TAW

Rango diá. de la broca D1 (mm)	Prof. agujero (l/d)	Herramienta		Placa		Dimensiones (mm)				 Tornillo de ajuste	 Llave	 Plancha	 Lubrificante antiadherente		
		Número de pedido	Stock	Diá. broca D1 (mm)	Número de pedido	Stock		D4	L1					L2	L3
						VP15TF	VP10H								
18.5 19.4	3	TAWSN1900S25	●	18.5	TAWN1850T	●	□	25	155	99	68	WS304517T	TKY10T	WPT4405	MK1KS
				18.6	TAWN1860T	●	□								
				18.7	TAWN1870T	●	□								
				18.8	TAWN1880T	●	□								
				18.9	TAWN1890T	●	□								
	5	TAWMN1900S25	●	19.0	TAWN1900T	●	□	25	190	134	107	WS304517T	TKY10T	WPT4405	MK1KS
				19.1	TAWN1910T	●	□								
				19.2	TAWN1920T	●	□								
				19.3	TAWN1930T	●	□								
				19.4	TAWN1940T	●	□								
19.5 20.4	3	TAWSN2000S25	●	19.5	TAWN1950T	●	□	25	155	99	72	WS304518T	TKY10T	WPT4405	MK1KS
				19.6	TAWN1960T	●	□								
				19.7	TAWN1970T	●	□								
				19.8	TAWN1980T	●	□								
				19.9	TAWN1990T	●	□								
	5	TAWMN2000S25	●	20.0	TAWN2000T	●	□	25	195	139	113	WS304518T	TKY10T	WPT4405	MK1KS
				20.1	TAWN2010T	□	□								
				20.2	TAWN2020T	□	□								
				20.3	TAWN2030T	□	□								
				20.4	TAWN2040T	□	□								
20.5 21.4	3	TAWSN2100S25	●	20.5	TAWN2050T	●	□	25	155	99	75	WS304518T	TKY10T	WPT4405	MK1KS
				20.6	TAWN2060T	□	□								
				20.7	TAWN2070T	□	□								
				20.8	TAWN2080T	□	□								
				20.9	TAWN2090T	□	□								
	5	TAWMN2100S25	●	21.0	TAWN2100T	●	□	25	195	139	118	WS304518T	TKY10T	WPT4405	MK1KS
				21.1	TAWN2110T	□	□								
				21.2	TAWN2120T	□	□								
				21.3	TAWN2130T	□	□								
				21.4	TAWN2140T	□	□								
21.5 22.4	3	TAWSN2200S25	●	21.5	TAWN2150T	●	□	25	160	104	79	WS355520T	TKY15T	WPT4405	MK1KS
				21.6	TAWN2160T	□	□								
				21.7	TAWN2170T	□	□								
				21.8	TAWN2180T	□	□								
				21.9	TAWN2190T	□	□								
	5	TAWMN2200S25	●	22.0	TAWN2200T	●	□	25	200	144	124	WS355520T	TKY15T	WPT4405	MK1KS
				22.1	TAWN2210T	□	□								
				22.2	TAWN2220T	□	□								
				22.3	TAWN2230T	□	□								
				22.4	TAWN2240T	□	□								
22.5 23.4	3	TAWSN2300S25	●	22.5	TAWN2250T	●	□	25	160	104	82	WS355521T	TKY15T	WPT4405	MK1KS
				22.6	TAWN2260T	□	□								
				22.7	TAWN2270T	□	□								
				22.8	TAWN2280T	□	□								
				22.9	TAWN2290T	□	□								
	5	TAWMN2300S25	●	23.0	TAWN2300T	●	□	25	210	154	129	WS355521T	TKY15T	WPT4405	MK1KS
				23.1	TAWN2310T	□	□								
				23.2	TAWN2320T	□	□								
				23.3	TAWN2330T	□	□								
				23.4	TAWN2340T	□	□								

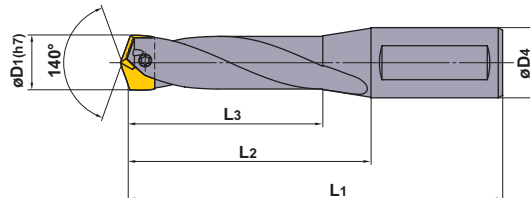
● : Stock  
 ★ : Stocken Japón  
 □ : A fabricar según demanda



# TALADRADO

■ (Uso general)

## TAW



Rango diá. de la broca D1 (mm)	Prof. agujero (l/d)	Herramienta		Placa			Dimensiones (mm)				Tomillo de ajuste	Llave	Plancha	Lubrificante antiadherente	
		Número de pedido	Stock	Diá. broca D1 (mm)	Número de pedido	Stock	D4	L1	L2	L3					
						VP15TF	VP10H								
23.5   24.4	3	TAWSN2400S32	●	23.5	TAWN2350T	●	□	32	170	110	86	WS355521T	TKY15T	WPT4405	MK1KS
				23.6	TAWN2360T	□	□								
				23.7	TAWN2370T	□	□								
				23.8	TAWN2380T	□	□								
				23.9	TAWN2390T	□	□								
	5	TAWMN2400S32	●	24.0	TAWN2400T	●	□	32	220	160	135	WS355521T	TKY15T	WPT4405	MK1KS
				24.1	TAWN2410T	□	□								
				24.2	TAWN2420T	□	□								
				24.3	TAWN2430T	□	□								
				24.4	TAWN2440T	□	□								
24.5   25.4	3	TAWSN2500S32	●	24.5	TAWN2450T	●	□	32	170	110	88	WS406023T	TKY25T	WPT4405	MK1KS
				24.6	TAWN2460T	□	□								
				24.7	TAWN2470T	□	□								
				24.8	TAWN2480T	□	□								
				24.9	TAWN2490T	□	□								
	5	TAWMN2500S32	●	25.0	TAWN2500T	●	□	32	225	165	140	WS406023T	TKY25T	WPT4405	MK1KS
				25.1	TAWN2510T	□	□								
				25.2	TAWN2520T	□	□								
				25.3	TAWN2530T	□	□								
				25.4	TAWN2540T	□	□								
25.5   26.4	3	TAWSN2600S32	●	25.5	TAWN2550T	●	□	32	175	115	92	WS406024T	TKY25T	WPT4405	MK1KS
				25.6	TAWN2560T	□	□								
				25.7	TAWN2570T	□	□								
				25.8	TAWN2580T	□	□								
				25.9	TAWN2590T	□	□								
	5	TAWMN2600S32	●	26.0	TAWN2600T	●	□	32	230	170	146	WS406024T	TKY25T	WPT4405	MK1KS
				26.1	TAWN2610T	□	□								
				26.2	TAWN2620T	□	□								
				26.3	TAWN2630T	□	□								
				26.4	TAWN2640T	□	□								
26.5   27.4	3	TAWSN2700S32	●	26.5	TAWN2650T	●	□	32	175	115	94	WS406024T	TKY25T	WPT4405	MK1KS
				26.6	TAWN2660T	□	□								
				26.7	TAWN2670T	□	□								
				26.8	TAWN2680T	□	□								
				26.9	TAWN2690T	□	□								
	5	TAWMN2700S32	●	27.0	TAWN2700T	●	□	32	235	175	151	WS406024T	TKY25T	WPT4405	MK1KS
				27.1	TAWN2710T	□	□								
				27.2	TAWN2720T	□	□								
				27.3	TAWN2730T	□	□								
				27.4	TAWN2740T	□	□								

Nota) Póngase en contacto con nosotros para aquellas geometrías que no aparezcan en esta información (por ejemplo, bajo pedido se pueden fabricar diámetros y longitudes diferentes y brocas con biselados chaffanados).

- : Stock
- ★ : Stocken Japón
- : A fabricar según demanda

■ (Uso general)

# TAW

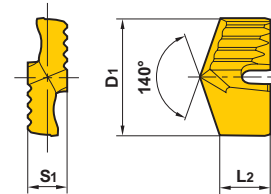
Rango diá. de la broca D1 (mm)	Prof. agujero (l/d)	Herramienta		Placa				Dimensiones (mm)							
		Número de pedido	Stock	Diá. broca D1 (mm)	Número de pedido	Stock		D4	L1	L2	L3				
						VP15TF	VP10H					Tornillo de ajuste	Llave	Plancha	Lubrificante antiadherente
27.5 28.4	3	TAWSN2800S32	●	27.5	TAWN2750T	●	□	32	180	120	97	WS508026T	TKY27T	WPT4405	MK1KS
				27.6	TAWN2760T	□	□								
				27.7	TAWN2770T	□	□								
				27.8	TAWN2780T	□	□								
				27.9	TAWN2790T	□	□								
	5	TAWMN2800S32	●	28.0	TAWN2800T	●	□	32	240	180	157	WS508026T	TKY27T	WPT4405	MK1KS
				28.1	TAWN2810T	□	□								
				28.2	TAWN2820T	□	□								
				28.3	TAWN2830T	□	□								
				28.4	TAWN2840T	□	□								
28.5 29.4	3	TAWSN2900S32	●	28.5	TAWN2850T	●	□	32	185	125	100	WS508027T	TKY27T	WPT4405	MK1KS
				28.6	TAWN2860T	□	□								
				28.7	TAWN2870T	□	□								
				28.8	TAWN2880T	□	□								
				28.9	TAWN2890T	□	□								
	5	TAWMN2900S32	●	29.0	TAWN2900T	●	□	32	245	185	162	WS508027T	TKY27T	WPT4405	MK1KS
				29.1	TAWN2910T	□	□								
				29.2	TAWN2920T	□	□								
				29.3	TAWN2930T	□	□								
				29.4	TAWN2940T	□	□								
29.5 30.4	3	TAWSN3000S32	●	29.5	TAWN2950T	●	□	32	185	125	104	WS508027T	TKY27T	WPT4405	MK1KS
				29.6	TAWN2960T	□	□								
				29.7	TAWN2970T	□	□								
				29.8	TAWN2980T	□	□								
				29.9	TAWN2990T	□	□								
	5	TAWMN3000S32	●	30.0	TAWN3000T	●	□	32	255	195	167	WS508027T	TKY27T	WPT4405	MK1KS
				30.1	TAWN3010T	□	□								
				30.2	TAWN3020T	□	□								
				30.3	TAWN3030T	□	□								
				30.4	TAWN3040T	□	□								

● : Stock  
 ★ : Stocken Japón  
 □ : A fabricar según demanda



# TALADRADO

## ■ Placa **TAW**



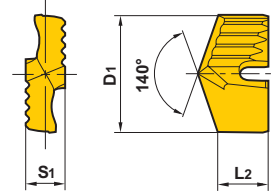
Número de pedido	Stock		Dimensiones (mm)			Herramienta aplicable
	VP15TF	VP10H	D1	L2	S1	
<b>TAWN1400T</b>	●	□	14.0	7.0	5.0	TAWSN 1400S16
<b>1410T</b>	●	□	14.1	7.0	5.0	
<b>1420T</b>	●	□	14.2	7.0	5.0	
<b>1430T</b>	●	□	14.3	7.0	5.0	
<b>1440T</b>	●	□	14.4	7.0	5.0	
<b>1450T</b>	●	□	14.5	6.9	5.0	TAWMN 1400S16
<b>1460T</b>	●	□	14.6	6.9	5.0	
<b>1470T</b>	●	□	14.7	6.9	5.0	
<b>1480T</b>	●	□	14.8	6.9	5.0	
<b>1490T</b>	●	□	14.9	6.9	5.0	
<b>1500T</b>	●	□	15.0	6.8	5.0	TAWSN 1500S20
<b>1510T</b>	●	□	15.1	6.8	5.0	
<b>1520T</b>	●	□	15.2	6.8	5.0	
<b>1530T</b>	●	□	15.3	6.8	5.0	
<b>1540T</b>	●	□	15.4	6.8	5.0	
<b>1550T</b>	●	□	15.5	7.9	6.0	TAWM 1500S20
<b>1560T</b>	●	□	15.6	7.9	6.0	
<b>1570T</b>	●	□	15.7	7.9	6.0	
<b>1580T</b>	●	□	15.8	7.9	6.0	
<b>1590T</b>	●	□	15.9	7.9	6.0	
<b>1600T</b>	●	□	16.0	7.8	6.0	TAWSN 1600S20
<b>1610T</b>	●	□	16.1	7.8	6.0	
<b>1620T</b>	●	□	16.2	7.8	6.0	
<b>1630T</b>	●	□	16.3	7.8	6.0	
<b>1640T</b>	●	□	16.4	7.8	6.0	
<b>1650T</b>	●	□	16.5	7.7	6.0	TAWMN 1600S20
<b>1660T</b>	●	□	16.6	7.7	6.0	
<b>1670T</b>	●	□	16.7	7.7	6.0	
<b>1680T</b>	●	□	16.8	7.7	6.0	
<b>1690T</b>	●	□	16.9	7.7	6.0	
<b>1700T</b>	●	□	17.0	7.6	6.0	TAWSN 1700S20
<b>1710T</b>	●	□	17.1	7.6	6.0	
<b>1720T</b>	●	□	17.2	7.6	6.0	
<b>1730T</b>	●	□	17.3	7.6	6.0	
<b>1740T</b>	●	□	17.4	7.6	6.0	
<b>1750T</b>	●	□	17.5	7.5	6.0	TAWMN 1700S20
<b>1760T</b>	●	□	17.6	7.5	6.0	
<b>1770T</b>	●	□	17.7	7.5	6.0	
<b>1780T</b>	●	□	17.8	7.5	6.0	
<b>1790T</b>	●	□	17.9	7.5	6.0	
<b>1800T</b>	●	□	18.0	7.4	6.0	TAWSN 1800S20
<b>1810T</b>	●	□	18.1	7.4	6.0	
<b>1820T</b>	●	□	18.2	7.4	6.0	
<b>1830T</b>	●	□	18.3	7.4	6.0	
<b>1840T</b>	●	□	18.4	7.4	6.0	

Número de pedido	Stock		Dimensiones (mm)			Herramienta aplicable
	VP15TF	VP10H	D1	L2	S1	
<b>TAWN1850T</b>	●	□	18.5	9.3	7.0	TAWSN 1900S25
<b>1860T</b>	●	□	18.6	9.3	7.0	
<b>1870T</b>	●	□	18.7	9.3	7.0	
<b>1880T</b>	●	□	18.8	9.3	7.0	
<b>1890T</b>	●	□	18.9	9.3	7.0	
<b>1900T</b>	●	□	19.0	9.2	7.0	TAWMN 1900S25
<b>1910T</b>	●	□	19.1	9.2	7.0	
<b>1920T</b>	●	□	19.2	9.2	7.0	
<b>1930T</b>	●	□	19.3	9.2	7.0	
<b>1940T</b>	●	□	19.4	9.2	7.0	
<b>1950T</b>	●	□	19.5	9.1	7.0	TAWSN 2000S25
<b>1960T</b>	●	□	19.6	9.1	7.0	
<b>1970T</b>	●	□	19.7	9.1	7.0	
<b>1980T</b>	●	□	19.8	9.1	7.0	
<b>1990T</b>	●	□	19.9	9.1	7.0	
<b>2000T</b>	●	□	20.0	9.0	7.0	TAWMN 2000S25
<b>2010T</b>	□	□	20.1	9.0	7.0	
<b>2020T</b>	□	□	20.2	9.0	7.0	
<b>2030T</b>	□	□	20.3	9.0	7.0	
<b>2040T</b>	□	□	20.4	9.0	7.0	
<b>2050T</b>	●	□	20.5	8.9	7.0	TAWSN 2100S25
<b>2060T</b>	□	□	20.6	8.9	7.0	
<b>2070T</b>	□	□	20.7	8.9	7.0	
<b>2080T</b>	□	□	20.8	8.9	7.0	
<b>2090T</b>	□	□	20.9	8.9	7.0	
<b>2100T</b>	●	□	21.0	8.8	7.0	TAWMN 2100S25
<b>2110T</b>	□	□	21.1	8.8	7.0	
<b>2120T</b>	□	□	21.2	8.8	7.0	
<b>2130T</b>	□	□	21.3	8.8	7.0	
<b>2140T</b>	□	□	21.4	8.8	7.0	
<b>2150T</b>	●	□	21.5	10.3	8.0	TAWSN 2200S25
<b>2160T</b>	□	□	21.6	10.3	8.0	
<b>2170T</b>	□	□	21.7	10.3	8.0	
<b>2180T</b>	□	□	21.8	10.3	8.0	
<b>2190T</b>	□	□	21.9	10.3	8.0	
<b>2200T</b>	●	□	22.0	10.2	8.0	TAWMN 2200S25
<b>2210T</b>	□	□	22.1	10.2	8.0	
<b>2220T</b>	□	□	22.2	10.2	8.0	
<b>2230T</b>	□	□	22.3	10.2	8.0	
<b>2240T</b>	□	□	22.4	10.2	8.0	
<b>2250T</b>	●	□	22.5	10.1	8.0	TAWSN 2300S25
<b>2260T</b>	□	□	22.6	10.1	8.0	
<b>2270T</b>	□	□	22.7	10.1	8.0	
<b>2280T</b>	□	□	22.8	10.1	8.0	
<b>2290T</b>	□	□	22.9	10.1	8.0	

Nota: 2 placas en 1 paquete

- : Stock
- ★ : Stocken Japón
- : A fabricar según demanda

■ Placa  
**TAW**



Número de pedido	Stock		Dimensiones (mm)			Herramienta aplicable
	VP15TF	VP10H	D1	L2	S1	
<b>TAWN2300T</b>	●	□	23.0	10.0	8.0	TAWSN 2300S25
<b>2310T</b>	□	□	23.1	10.0	8.0	
<b>2320T</b>	□	□	23.2	10.0	8.0	
<b>2330T</b>	□	□	23.3	10.0	8.0	
<b>2340T</b>	□	□	23.4	10.0	8.0	
<b>2350T</b>	●	□	23.5	9.9	8.0	TAWMN 2300S25
<b>2360T</b>	□	□	23.6	9.9	8.0	
<b>2370T</b>	□	□	23.7	9.9	8.0	
<b>2380T</b>	□	□	23.8	9.9	8.0	
<b>2390T</b>	□	□	23.9	9.9	8.0	
<b>2400T</b>	●	□	24.0	9.8	8.0	
<b>2410T</b>	□	□	24.1	9.8	8.0	
<b>2420T</b>	□	□	24.2	9.8	8.0	
<b>2430T</b>	□	□	24.3	9.8	8.0	
<b>2440T</b>	□	□	24.4	9.8	8.0	
<b>2450T</b>	●	□	24.5	11.1	9.0	TAWSN 2400S32
<b>2460T</b>	□	□	24.6	11.1	9.0	
<b>2470T</b>	□	□	24.7	11.1	9.0	
<b>2480T</b>	□	□	24.8	11.1	9.0	
<b>2490T</b>	□	□	24.9	11.1	9.0	
<b>2500T</b>	●	□	25.0	11.0	9.0	
<b>2510T</b>	□	□	25.1	11.0	9.0	
<b>2520T</b>	□	□	25.2	11.0	9.0	
<b>2530T</b>	□	□	25.3	11.0	9.0	
<b>2540T</b>	□	□	25.4	11.0	9.0	
<b>2550T</b>	●	□	25.5	10.9	9.0	TAWMN 2500S32
<b>2560T</b>	□	□	25.6	10.9	9.0	
<b>2570T</b>	□	□	25.7	10.9	9.0	
<b>2580T</b>	□	□	25.8	10.9	9.0	
<b>2590T</b>	□	□	25.9	10.9	9.0	
<b>2600T</b>	●	□	26.0	10.8	9.0	
<b>2610T</b>	□	□	26.1	10.8	9.0	
<b>2620T</b>	□	□	26.2	10.8	9.0	
<b>2630T</b>	□	□	26.3	10.8	9.0	
<b>2640T</b>	□	□	26.4	10.8	9.0	
<b>2650T</b>	●	□	26.5	10.7	9.0	TAWSN 2600S32
<b>2660T</b>	□	□	26.6	10.7	9.0	
<b>2670T</b>	□	□	26.7	10.7	9.0	
<b>2680T</b>	□	□	26.8	10.7	9.0	
<b>2690T</b>	□	□	26.9	10.7	9.0	
<b>2700T</b>	●	□	27.0	10.6	9.0	
<b>2710T</b>	□	□	27.1	10.6	9.0	
<b>2720T</b>	□	□	27.2	10.6	9.0	
<b>2730T</b>	□	□	27.3	10.6	9.0	
<b>2740T</b>	□	□	27.4	10.6	9.0	

Número de pedido	Stock		Dimensiones (mm)			Herramienta aplicable
	VP15TF	VP10H	D1	L2	S1	
<b>TAWN2750T</b>	●	□	27.5	12.1	10.0	TAWSN 2800S32
<b>2760T</b>	□	□	27.6	12.1	10.0	
<b>2770T</b>	□	□	27.7	12.1	10.0	
<b>2780T</b>	□	□	27.8	12.1	10.0	
<b>2790T</b>	□	□	27.9	12.1	10.0	
<b>2800T</b>	●	□	28.0	12.0	10.0	
<b>2810T</b>	□	□	28.1	12.0	10.0	
<b>2820T</b>	□	□	28.2	12.0	10.0	
<b>2830T</b>	□	□	28.3	12.0	10.0	
<b>2840T</b>	□	□	28.4	12.0	10.0	
<b>2850T</b>	●	□	28.5	11.9	10.0	TAWMN 2800S32
<b>2860T</b>	□	□	28.6	11.9	10.0	
<b>2870T</b>	□	□	28.7	11.9	10.0	
<b>2880T</b>	□	□	28.8	11.9	10.0	
<b>2890T</b>	□	□	28.9	11.9	10.0	
<b>2900T</b>	●	□	29.0	11.8	10.0	
<b>2910T</b>	□	□	29.1	11.8	10.0	
<b>2920T</b>	□	□	29.2	11.8	10.0	
<b>2930T</b>	□	□	29.3	11.8	10.0	
<b>2940T</b>	□	□	29.4	11.8	10.0	
<b>2950T</b>	●	□	29.5	11.7	10.0	TAWSN 2900S32
<b>2960T</b>	□	□	29.6	11.7	10.0	
<b>2970T</b>	□	□	29.7	11.7	10.0	
<b>2980T</b>	□	□	29.8	11.7	10.0	
<b>2990T</b>	□	□	29.9	11.7	10.0	
<b>3000T</b>	●	□	30.0	11.6	10.0	
<b>3010T</b>	□	□	30.1	11.6	10.0	
<b>3020T</b>	□	□	30.2	11.6	10.0	
<b>3030T</b>	□	□	30.3	11.6	10.0	
<b>3040T</b>	□	□	30.4	11.6	10.0	

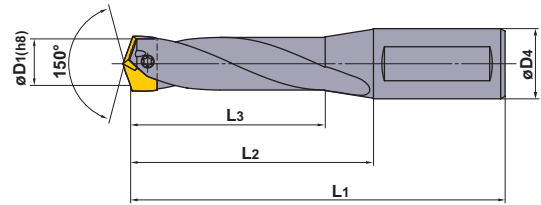
● : Stock  
★ : Stocken Japón  
□ : A fabricar según demanda



# TALADRADO

■ (Para taladrado de piezas superpuestas)

## TAW



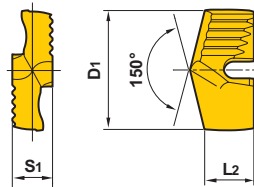
### Herramienta

Rango diá. broca D1 (mm)	Prof. agujero (l/d)	Herramienta		Placa aplicable			Dimensiones (mm)				Tornillo de ajuste	Llave	Plancha	Lubrificante antiadherente
		Número de pedido	Stock	Diá. broca D1 (mm)	Número de pedido	Stock VP15TF	D4	L1	L2	L3				
24.5 24.6 24.7	3	TASWSB2500S32	●	24.5	TAWB2450T	●	32	170	110	88	WS406023T	TKY25T	WPT4405	MK1KS
		TAWMB2500S32	□	24.6	TAWB2460T	□	32	225	165	140	WS406023T	TKY25T	WPT4405	MK1KS
26.5 26.7	3	TASWSB2700S32	●	26.5	TAWB2650T	□	32	175	115	94	WS406024T	TKY25T	WPT4405	MK1KS
		TAWMB2700S32	□	26.7	TAWB2670T	●	32	235	175	151	WS406024T	TKY25T	WPT4405	MK1KS

Nota) Póngase en contacto con nosotros para aquellas geometrías que no aparezcan en esta información (por ejemplo, bajo pedido se pueden fabricar diámetros y longitudes diferentes y brocas con bisel chaffanados).

● : Stock

□ : A fabricar según demanda



### Placa

Número de pedido	Stock VP15TF	Dimensiones (mm)			Herramienta aplicable	Ancho de honing (mm)
		D1	L2	S1		
TAWB2450T	●	24.5	11.1	9.0	TASWSB2500S32 TAWMB2500S32	0.20-0.25
2460T	□	24.6	11.1	9.0		
2470T	●	24.7	11.1	9.0		
2650T	□	26.5	10.7	9.0	TASWSB2700S32 TAWMB2700S32	0.20-0.25
2670T	●	26.7	10.7	9.0		

Nota: 2 placas en 1 paquete

Material	Diá. broca	ø24.5, ø24.6, ø24.7		ø26.5, ø26.7		
		Condiciones Dureza	Velocidad de corte (m/min)	Avance (mm/rev)	Avance (mm/rev)	Velocidad de corte (m/min)
P Acero estructural	SS400	Res. a la tracción, $\sigma_{\text{Rm}} \leq 400-500 \text{ N/mm}^2$	70 (60-80)	0.30 (0.25-0.35)	70 (60-80)	0.30 (0.25-0.35)
	SM490	Res. a la tracción, $\sigma_{\text{Rm}} \leq 490-610 \text{ N/mm}^2$	65 (55-75)	0.30 (0.25-0.35)	65 (55-75)	0.30 (0.25-0.35)
	SM570	Res. a la tracción, $\sigma_{\text{Rm}} \leq 570-720 \text{ N/mm}^2$	60 (50-70)	0.30 (0.25-0.35)	60 (50-70)	0.30 (0.25-0.35)

## Condiciones de corte recomendadas

# TAW

Material	Diá. de la broca	ø14.0-15.4		ø15.5-18.4		ø18.5-21.4	
		Condiciones Dureza	Velocidad de corte (m/min)	Avance (mm/rev)	Velocidad de corte (m/min)	Avance (mm/rev)	Velocidad de corte (m/min)
<b>P</b> Acero dulce	≤ 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)
	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)
<b>M</b> Acero inoxidable	≤ 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)
<b>K</b> Fundición	≤ 350MPa	70 (50-90)	0.20 (0.15-0.25)	80 (60-90)	0.25 (0.20-0.30)	90 (70-110)	0.25 (0.20-0.30)
	≤ 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	Diá. de la broca	ø21.5-24.4		ø24.5-27.4		ø27.5-30.4	
		Condiciones Dureza	Velocidad de corte (m/min)	Avance (mm/rev)	Velocidad de corte (m/min)	Avance (mm/rev)	Velocidad de corte (m/min)
<b>P</b> Acero dulce	≤ 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)
	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)
<b>M</b> Acero inoxidable	≤ 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)
<b>K</b> Fundición	≤ 350MPa	100 (80-110)	0.35 (0.25-0.40)	110 (90-120)	0.35 (0.25-0.40)	110 (90-120)	0.40 (0.30-0.45)
	≤ 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)

## Notas sobre el uso

# TAW

### Instalación de la placa

Aflove el tornillo de ajuste para instalar la placa.

Engrane correctamente los dientes de la placa y de la herramienta, y a continuación deslice la placa hasta el fondo de la ranura. Apriete el tornillo con la ayuda de la llave dinamométrica que se suministra mientras sujeta la placa ligeramente tal y como se muestra (Figura 1).

Compruebe que no haya ningún espacio vacío entre la parte inferior de la placa y la herramienta (Figura 2).

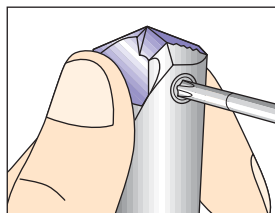


Fig. 1

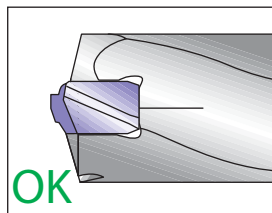
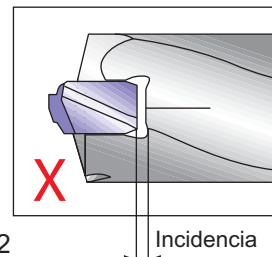


Fig. 2



### Sustitución de la placa

Limpie a fondo los dientes de la herramienta antes de instalar una placa nueva.

Elimine la suciedad más difícil de los dientes de la herramienta utilizando la placa de limpieza suministrada.