



PRODUCT DATA

Metal SDS Countersunk 410 Stainless Phillips

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Description

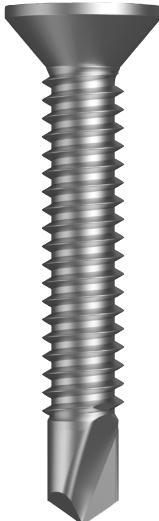
Martensitic 410 stainless steel ensures corrosion resistance while maintaining optimal strength and hardness for drilling into steel.

Applications	
• Roofing and cladding	
• Food and dairy industry	

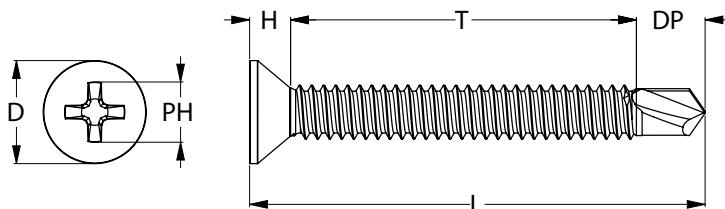
Material	410 Stainless Steel
Finish	410 Stainless Steel

DRILLX®

10 Gauge Countersunk Head



Dimensions



Part	QFind	Gauge	TPI	Length	Thread Length	Drill Point Length	Head ø	Head Height	Drive Size
				L (mm)	T (mm)	DP (mm)	D (mm)	H (mm)	PH
T41MSCP1024030	QT132	10	24	30	20	6	9.5	3.7	Phillips #2
T41MSCP1024040	QT133			40	30				
T41MSCP1024050	QT134			50	40				

Not suitable for coastal use.

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Pullout Values

Plate (Purlin)	Metal Plate Thickness	¹ Mean Load	² Characteristic Load	³ Working Load
	(mm)	(N)	(N)	(N)
G2	0.5	600	550	200
G450	1.5	3950	3600	1400
G450	2.9	6600	6100	2400

Mechanical Properties

Torsional Strength	¹ Mean Tensile Strength	¹ Mean Shear Strength	² Characteristic Tensile Strength	² Characteristic Shear Strength
(Nm)	(N)	(N)	(N)	(N)
6.9	14600	8750	13100	7850

Note: 1000N = 1kN

1 Mean Load/Strength: the average ultimate strength of samples tested.

2 Characteristic Load/Strength: 95% of these screws are expected to have a strength greater than the loads shown.

3 Working Load: the governing minimum allowable load obtained by comparing relevant concrete and steel working loads. Factors of Safety (FOS = 2.5 for steel, FOS = 2.5 for timber and FOS = 3.0 for concrete) are already included.

All values are obtained under laboratory conditions using DRILLX® products. Safety factors should be considered for design purposes. Actual pullout loads may differ depending on certain properties of the base material.

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Installation

1. Use a cordless screw driver set at max. 2,200–3,000 RPM. Fit the Phillips Drive Bit over the screw and place at the fastening position.
2. Consistently apply firm pressure to the screw driver while drilling.
3. Take care not to overtighten the screw.

***Installation with impact drivers not recommended.**

Recommended for use with:

POWER PHILLIPS S2 ALLOY STEEL BLACK / impaX DRIVE BIT 1/4		
Part	QFind	Length (mm)
TXDIPPHS20050	B316	50
TXDIPPHS20075	BA27	75
TXDIPPHS20100	B326	100
TXDIPPHS20150	B331	150



Recommended
Phillips #2 Drive Bit

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