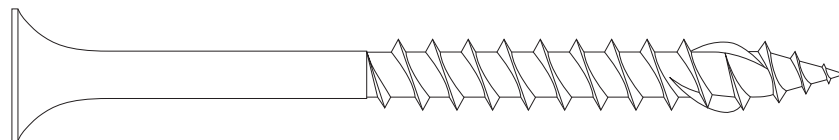


Products Introduction

TAPIX-SS [Super Speed]



TAPIX
Ultimate[®]
Coarse Thread



YAO

YAO SEIBYO Co., Ltd.

Phone: +81-721-93-6636

246 Yamashiro Kanan-cho Minamikawachi-gun
Osaka 585-0004 Japan <http://www.yao-neji.com/>

E-mail: gty@gty-ltd.com

GTY Co., Ltd. (Exclusive Distributor)

八尾製鋌株式会社

Key Features of TAPIX-SS

- **Exceptional Driving Speed:**

150% faster compared to conventional screws

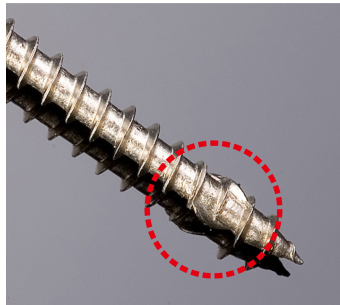
- **High Corrosion Resistance:** Minimizes rusting

- **Battery Efficiency:** Saves up to 150% more battery power compared to conventional screws

- **Smooth Driving into Hardwoods:** Prevents splitting while ensuring smooth insertion



Special Tip: TAPIX



TAPIX
Ultimate[®]
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The specially designed cutting edges (wings) on the tip efficiently discharge wood chips, enabling smooth insertion even into hardwoods.

Ultra-Durable Coating: DISGORINTAS[®]

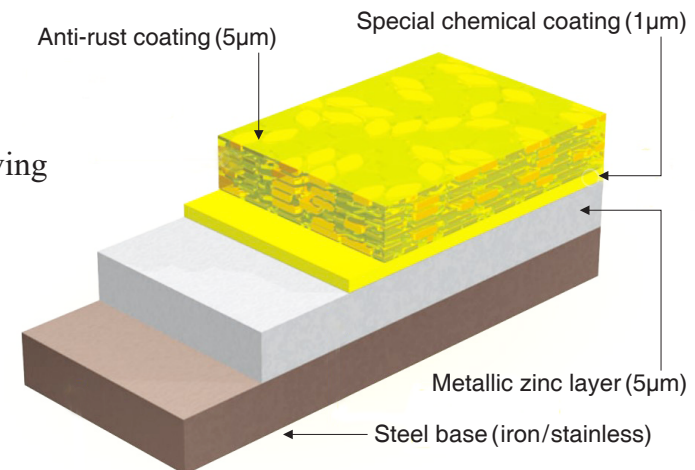
Reduces friction with the base material, ensuring quick and efficient driving

Complies with RoHS Directive and REACH Regulation

Prevents galvanic corrosion between dissimilar metals

Salt Spray Test: No red rust formation even after 1,000 hours

Structure of DISGORINTAS[®]



TAPIX-SS Driving Performance Test_1 (Battery Consumption Test)

- **Test Method:**

After fully discharging the battery, it was charged for 3 minutes, and the number of screws driven was evaluated.

- **Wood Material:** 2×4 White wood

- **Results:**

Coarse Thread Screw (4.5×75, Zinc-Plated) = 65 screws

TAPIX-SS (4.2×75, DISGORINTAS[®] Coating) = 100 screws



TAPIX



Coarse Thread Screw

[Conclusion] TAPIX-SS can drive 1.5 times more screws compared to coarse thread screws.

TAPIX-SS Driving Performance Test_2 (Versus Hard wood Test)

- **Test Method:**

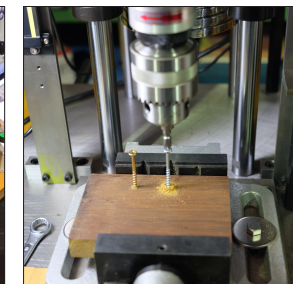
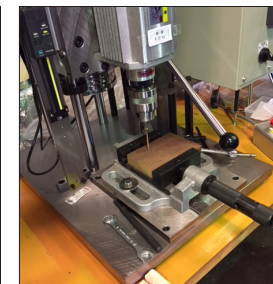
Using a driving performance testing machine, the completion times for driving Coarse Thread screws and TAPIX screws were compared.

- **Wood Material:** Balau (Ironwood)

- **Screws Used:**

Coarse Thread Screw (4.5×75, Zinc-Plated)

TAPIX-SS (4.2×75, DISGORINTAS[®] Coating)



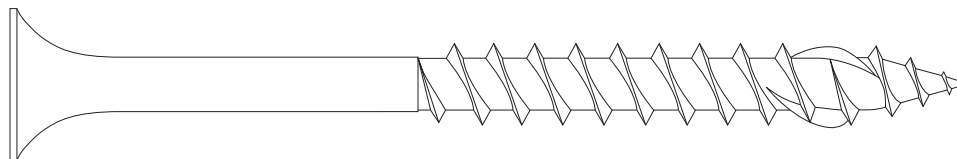
Driving performance testing machine

[Conclusion] TAPIX-SS can be driven in approximately half the time compared to Coarse Thread screws.

*** Refer to the data on the next page.**

Screw Driving Performance Inspection Record

Product Name	Size	Driving Material	Rotational Speed (rpm)	Driving Depth (mm)	Driving Load (kg·f)			Driving Time (Sec)
					Self-Weight	Additional Load	Total Load	
TAPIX-SS (DISGORINTAS® Coating)	4.2×75	Balau (Ironwood)	1.800	20.0	3.40	5.00	8.40	1.03
	4.2×75	Balau (Ironwood)	1.800	20.0	3.40	5.00	8.40	1.01
	4.2×75	Balau (Ironwood)	1.800	20.0	3.40	5.00	8.40	1.00
	4.2×75	Balau (Ironwood)	1.800	20.0	3.40	5.00	8.40	0.87
	4.2×75	Balau (Ironwood)	1.800	20.0	3.40	5.00	8.40	1.16
Coarse Thread Screw (Zinc-Plated)	4.5×75	Balau (Ironwood)	1.800	20.0	3.40	5.00	8.40	1.89
	4.5×75	Balau (Ironwood)	1.800	20.0	3.40	5.00	8.40	1.62
	4.5×75	Balau (Ironwood)	1.800	20.0	3.40	5.00	8.40	2.88
	4.5×75	Balau (Ironwood)	1.800	20.0	3.40	5.00	8.40	1.89
	4.5×75	Balau (Ironwood)	1.800	20.0	3.40	5.00	8.40	1.87

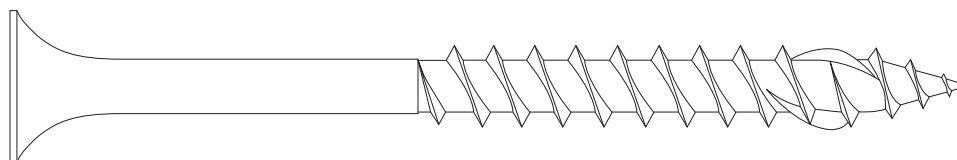


TAPIX
Ultimate®
Coarse Thread

Specification List

TAPIX Series / TAPIX -V, TPIX-SS					
ITEM	Material	SWCH18A			
	Diameter	3.8	4.2	4.8	5.2
Torsional Strength (N · m)		4.1	4.9	7.5	9.6
Tensile Strength (N)		5,600	6,400	7,900	9,600
Shear Strength (N)		5,100	6,000	6,900	9,600

Screw Diameter		φ 3.8				φ 4.2	φ 4.8	φ 5.5	
Part Number		W25	W32	W41	W51	W65	W75	W90Y	
Embedment Depth		20mm	27mm	36mm	45mm	43mm	42mm	65mm	
Wood	Hinoki (Japanese Cypress)	Moisture Content 8.8%	1,400N	1,800N	2,500N	3,500N	3,800N	3,900N	6,200N
	Douglas Fir	Moisture Content 11.0%	900N	1,500N	2,300N	3,100N	3,500N	3,500N	6,500N
	Sugi (Japanese Cedar)	Moisture Content 9.0%	700N	1,400N	2,400N	2,800N	3,500N	3,600N	5,700N
	Plywood (Concrete Form)		1,100N	1,400N	1,400N	1,400N	1,600N	1,700N	1,900N
	Wood Cement Board (Century Board)		1,200N	1,400N	1,700N	1,500N	1,700N	1,800N	2,100N



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