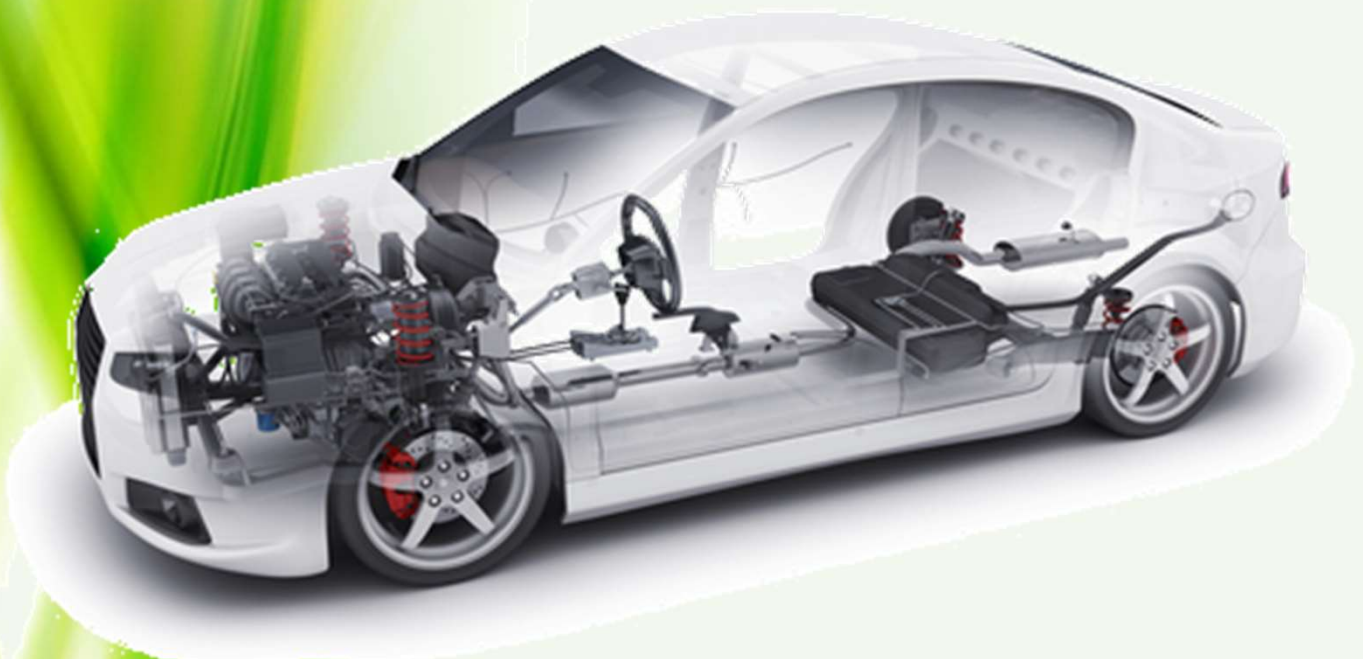


INDUSTRY SOLUTIONS

Automotive



Cylinder head /Cylinder block



Crankshaft



For other products, please refer
to YAMAWA general catalog.
Please access! →



HFACT-B



Carbide Taps for Ultra Fast Tappings, Blind Hole Use, for Aluminum

Specification



Recommended Tapping Speeds depending on Materials

Brass castings 黄銅鋳物	Aluminum alloy castings アルミ合金鋳物	High-strength aluminum alloy castings マグネシウム合金鋳物	Zinc alloy castings 亜鉛合金鋳物
30~100 (m/min)	30~100 (m/min)	30~100 (m/min)	30~100 (m/min)

HFACT-P



Carbide Taps for Ultra Fast Tappings, Through Hole Use, for Aluminum

Specification



Recommended Tapping Speeds depending on Materials

Brass castings 黄銅鋳物	Aluminum alloy castings アルミ合金鋳物	High-strength aluminum alloy castings マグネシウム合金鋳物	Zinc alloy castings 亜鉛合金鋳物
30~100 (m/min)	30~100 (m/min)	30~100 (m/min)	30~100 (m/min)

HFICT-P



Carbide Taps for Ultra Fast Tappings, Through Hole Use, for Cast Irons

Specification



Recommended Tapping Speeds depending on Materials

Cast Irons 鋳鉄	Ductile cast irons 強靱鋳鉄	Brass castings 黄銅鋳物
25~50 (m/min)	25~50 (m/min)	25~50 (m/min)

HFICT-B



Carbide Taps for Ultra Fast Tappings, Blind Hole Use, for Cast Irons

Specification



Recommended Tapping Speeds depending on Materials

Cast Irons 鋳鉄	Ductile cast irons 強靱鋳鉄	Brass castings 黄銅鋳物
25~50 (m/min)	25~50 (m/min)	25~50 (m/min)

Z-PRO MHSP



Z-PRO Series

Spiral Taps for Medium Hard Carbon Steels

Specification



Recommended Tapping Speeds depending on Materials

High carbon steels 高炭素鋼	Alloy steels 合金鋼	Thermal treated steels 熱処理鋼
10~20 (m/min)	10~20 (m/min)	10~20 (m/min)

MHCDS



Center Drills for Carbon Steels of Medium Hardness for Running at High Speed

Specification



Connecting Rods



Camshaft



Case (Timing chain)



For other products, please refer to YAMAWA general catalog. Please access!⇒

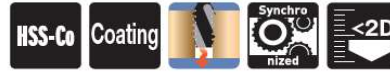


MHSL

Spiral Fluted Taps for Carbon Steels of Medium Hardness, Through Hole Use (with LH Spiral Flutes)



Specification



Recommended Tapping Speeds depending on Materials

High carbon steels 高炭素鋼	Alloy steels 合金鋼	Thermal refined steels 熱処理鋼
10~20 (m/min)	10~20 (m/min)	10~20 (m/min)



HFICT-B

Carbide Taps for Ultra Fast Tappings, Blind Hole Use, for Cast Irons



Specification



Recommended Tapping Speeds depending on Materials

Cast irons 鋳鉄	Ductile cast irons 球墨鋳鉄	Brass castings 黄銅鋳物
25~50 (m/min)	25~50 (m/min)	25~50 (m/min)



HFICT-P

Carbide Taps for Ultra Fast Tappings, Through Hole Use, for Cast Irons



Specification



Recommended Tapping Speeds depending on Materials

Cast irons 鋳鉄	Ductile cast irons 球墨鋳鉄	Brass castings 黄銅鋳物
25~50 (m/min)	25~50 (m/min)	25~50 (m/min)



MHCDS

Center Drills for Carbon Steels of Medium Hardness for Running at High Speed



Specification



HFACT-B

Carbide Taps for Ultra Fast Tappings, Blind Hole Use, for Aluminum



Specification



Recommended Tapping Speeds depending on Materials

Brass castings 黄銅鋳物	Aluminum alloy castings アルミ合金鋳物	Magnesium alloy castings マグネシウム合金鋳物	Zinc alloy castings 亜鉛合金鋳物
30~100 (m/min)	30~100 (m/min)	30~100 (m/min)	30~100 (m/min)



HFACT-P

Carbide Taps for Ultra Fast Tappings, Through Hole Use, for Aluminum



Specification



Recommended Tapping Speeds depending on Materials

Brass castings 黄銅鋳物	Aluminum alloy castings アルミ合金鋳物	Magnesium alloy castings マグネシウム合金鋳物	Zinc alloy castings 亜鉛合金鋳物
30~100 (m/min)	30~100 (m/min)	30~100 (m/min)	30~100 (m/min)



Turbocharger



MHSL

Spiral Fluted Taps for Carbon Steels of Medium Hardness, Through Hole Use (with LH Spiral Flutes)



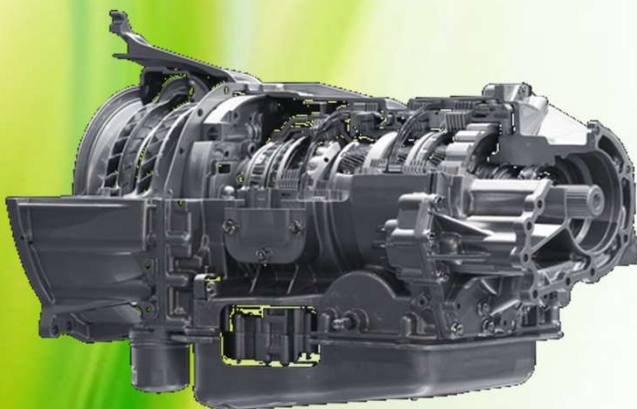
Specification



Recommended Tapping Speeds depending on Materials

High carbon steels 高炭素鋼	Alloy steels 合金鋼	Thermal refined steels 熱処理鋼
10~20 (m/min)	10~20 (m/min)	10~20 (m/min)

Transmission



HFACT-B

Carbide Taps for Ultra Fast Tappings, Blind Hole Use, for Aluminum



Specification



Recommended Tapping Speeds depending on Materials

Brass castings 黄銅鑄物	Aluminum alloy castings アルミ合金鑄物	Magnesium alloy die castings マグネシウム合金鑄物	Zinc alloy castings 亜鉛合金鑄物
30~100 (m/min)	30~100 (m/min)	30~100 (m/min)	30~100 (m/min)

HFACT-P

Carbide Taps for Ultra Fast Tappings, Through Hole Use, for Aluminum



Specification



Recommended Tapping Speeds depending on Materials

Brass castings 黄銅鑄物	Aluminum alloy castings アルミ合金鑄物	Magnesium alloy die castings マグネシウム合金鑄物	Zinc alloy castings 亜鉛合金鑄物
30~100 (m/min)	30~100 (m/min)	30~100 (m/min)	30~100 (m/min)

Input / Output Shaft



AUCDS

Coated Type A 60° Low Helix Single End Center Hole Drill



Specification



Differential gear / Hub Bearing / Axle



MHSL

Spiral Fluted Taps for Carbon Steels of Medium Hardness, Through Hole Use (with LH Spiral Flutes)



Specification



Recommended Tapping Speeds depending on Materials

High carbon steels 高炭素鋼	Alloy steels 合金鋼	Thermal refined steels 熱処理鋼
10~20 (m/min)	10~20 (m/min)	10~20 (m/min)

Tie Rod Ends



MHRZ

Thread forming taps for Medium Hardness Carbon Steel



Specification



Recommended Tapping Speeds depending on Materials

Medium carbon steels 中炭素鋼	High carbon steels 高炭素鋼	Alloy steels 合金鋼	Thermal refined steels 熱処理鋼
10~30 (m/min)	10~30 (m/min)	10~30 (m/min)	10~20 (m/min)

HDISP

For Dry Tapping, Blind Hole Use. Spiral Fluted Taps for Steels



Specification



Recommended Tapping Speeds depending on Materials

Medium carbon steels 中炭素鋼	High carbon steels 高炭素鋼	Alloy steels 合金鋼
10~20 (m/min)	10~20 (m/min)	10~20 (m/min)

For other products, please refer to YAMAWA general catalog.
Please access!⇒



Knuckle Arms



ABS



For other products, please refer to YAMAWA general catalog. Please access!⇒



Z-PRO VUSP

Z-PRO Series
Spiral Fluted Taps, Coated



Specification



Recommended Tapping Speeds depending on Materials

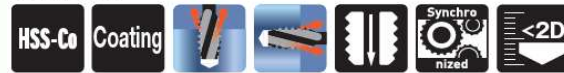
Low carbon steels 低碳鋼	Medium carbon steels 中炭鋼	High carbon steels 高炭鋼	Alloy steels 合金鋼	Stainless steels ステンレス鋼
10~20 (m/min)	10~25 (m/min)	10~25 (m/min)	10~20 (m/min)	5~10 (m/min)

HDISP

For Dry Tapping, Blind Hole Use. Spiral Fluted Taps for Steels



Specification



Recommended Tapping Speeds depending on Materials

Medium carbon steels 中炭鋼	High carbon steels 高炭鋼	Alloy steels 合金鋼
10~20 (m/min)	10~20 (m/min)	10~20 (m/min)

HDISL

Spiral Fluted Taps for Steels, for Dry Tapping and for Ultra High Speed Tapping, Through Hole Use (with LH Spiral Fluted)



Specification



Recommended Tapping Speeds depending on Materials

Medium carbon steels 中炭鋼	High carbon steels 高炭鋼	Alloy steels 合金鋼
20~50 (m/min)	20~50 (m/min)	20~50 (m/min)

HP+RZ/HP-RZ

High Performance Thread Forming Taps, Coated



Specification



Recommended Tapping Speeds depending on Materials

Low carbon steels 低碳鋼	Medium carbon steels 中炭鋼	High carbon steels 高炭鋼	Alloy steels 合金鋼	Thermal treated steels 熱処理鋼	Stainless steels ステンレス鋼	Aluminum alloy castings アルミ合金鋳物
15~30 (m/min)	15~30 (m/min)	15~25 (m/min)	15~25 (m/min)	15~25 (m/min)	10~25 (m/min)	15~30 (m/min)

25~35HRC

HFASP

For Ultra Fast Tapping, Horizontal Use. Low Spiral Fluted Taps for Aluminum



Specification



Recommended Tapping Speeds depending on Materials

Wrought aluminum アルミ合金材	Aluminum alloy castings アルミ合金鋳物	Magnesium alloy castings マグネシウム合金鋳物	Zinc alloy castings 亜鉛合金鋳物
30~100 (m/min)	30~100 (m/min)	30~100 (m/min)	30~100 (m/min)

Compressors



HP+RZ/HP-RZ



High Performance Thread Forming Taps, Coated



Specification



Recommended Tapping Speeds depending on Materials

Low carbon steels 低炭素鋼	Medium carbon steels 中炭素鋼	High carbon steels 高炭素鋼	Alloy steels 合金鋼	Thermal refined steels 熱処理鋼	Stainless steels ステンレス鋼	Aluminum alloy castings アルミ合金鋳物
15~30 (m/min)	15~30 (m/min)	15~25 (m/min)	15~25 (m/min)	15~25 (m/min)	10~25 (m/min)	15~30 (m/min)

25~35HRC

MHRZ



Thread forming taps for Medium Hardness Carbon Steel

Specification



Recommended Tapping Speeds depending on Materials

Medium carbon steels 中炭素鋼	High carbon steels 高炭素鋼	Alloy steels 合金鋼	Thermal refined steels 熱処理鋼
10~30 (m/min)	10~30 (m/min)	10~30 (m/min)	10~20 (m/min)

MHCDS



Center Drills for Carbon Steels of Medium Hardness for Running at High Speed

Specification



CVT



HDISL



Spiral Fluted Taps for Steels, for Dry Tapping and for Ultra High Speed Tapping, Through Hole Use (with LH Spiral Fluted)

Specification



Recommended Tapping Speeds depending on Materials

Medium carbon steels 中炭素鋼	High carbon steels 高炭素鋼	Alloy steels 合金鋼
20~50 (m/min)	20~50 (m/min)	20~50 (m/min)

