

INDUSTRY SOLUTIONS

Construction Machinery



INDUSTRY SOLUTIONS

Main control valve



Z-PRO AUSP Rc



Z-PRO Series
Spiral Fluted Taps for Taper Pipe Threads, Coated
Specification



Recommended Tapping Speeds depending on Materials

Low carbon steels 低炭素鋼 ~7 (m/min)	Medium carbon steels 中炭素鋼 ~7 (m/min)	High carbon steels 高炭素鋼 ~7 (m/min)	Alloy steels 合金鋼 ~5 (m/min)	Stainless steels ステンレス鋼 ~3 (m/min)	Aluminum alloy castings アルミ合金鋳物 ~10 (m/min)	Zinc alloy castings 亜鉛合金鋳物 ~10 (m/min)
--	---	---	--------------------------------------	---	--	---

Z-PRO AUSP Rp



Z-PRO Series
Spiral Fluted Taps for Parallel Pipe Threads, Coated
Specification



Recommended Tapping Speeds depending on Materials

Low carbon steels 低炭素鋼 5~15 (m/min)	Medium carbon steels 中炭素鋼 5~15 (m/min)	High carbon steels 高炭素鋼 5~15 (m/min)	Alloy steels 合金鋼 5~15 (m/min)	Stainless steels ステンレス鋼 ~3 (m/min)	Aluminum alloy castings アルミ合金鋳物 5~15 (m/min)	Zinc alloy castings 亜鉛合金鋳物 5~15 (m/min)
--	---	---	--	---	---	--

Z-PRO AUSP G



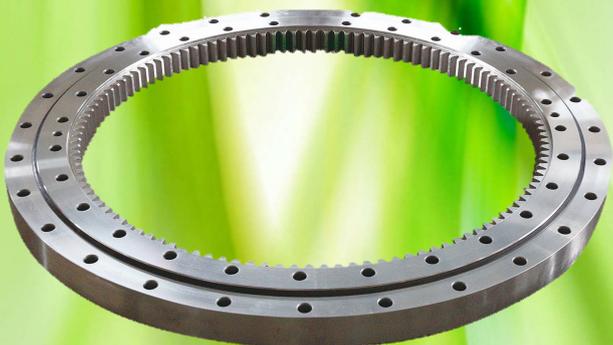
Z-PRO Series
Spiral Fluted Taps for Parallel Pipe Threads, Coated
Specification



Recommended Tapping Speeds depending on Materials

Low carbon steels 低炭素鋼 5~15 (m/min)	Medium carbon steels 中炭素鋼 5~15 (m/min)	High carbon steels 高炭素鋼 5~15 (m/min)	Alloy steels 合金鋼 5~15 (m/min)	Stainless steels ステンレス鋼 ~3 (m/min)	Aluminum alloy castings アルミ合金鋳物 5~15 (m/min)	Zinc alloy castings 亜鉛合金鋳物 5~15 (m/min)
--	---	---	--	---	---	--

Slewing bearing



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 10~20 (m/min)	Alloy steels 合金鋼 10~20 (m/min)	Thermal refined steels 熱処理鋼 10~20 (m/min)
--	---	--

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



Hydraulic Cylinders



Z-PRO HVSP

Z-PRO Series
Spiral fluted Taps for Forged Parts in the Heavy Metalworking Industry.



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	Stainless steels ステンレス鋼
~5 (m/min)	~5 (m/min)	~5 (m/min)	~5 (m/min)	~5 (m/min)

S-SP

Short Spiral Fluted Taps, Deep Hole Use



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	Ductile cast irons 強靱鋳鉄
5~10 (m/min)	5~10 (m/min)	5~10 (m/min)	5~10 (m/min)

Carrier roller/track roller



Z-PRO VUSP

Z-PRO Series
Spiral Fluted 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	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)

