



HY-PRO® SIGMA SFT & POT Taps



Target End Markets

Job Shop • General Machining



HY-PRO® SIGMA Taps: Ultra-Premium Design for a Wide Range of Materials

HY-PRO SIGMA SFT & POT Taps are the ultimate “Do It All” spiral point and spiral flute taps for a wide range of materials. OSG’s unique geometry along with our premium vanadium high-speed steel substrate provide exceptional tool life with unequaled consistency. With a comprehensive lineup covering 2B & 3B classes of fit, there is a HY-PRO SIGMA tap to meet your needs.

HY-PRO® SIGMA POT: Stable Performance & Long Tool Life

Work Material
1045 Medium Carbon Steel

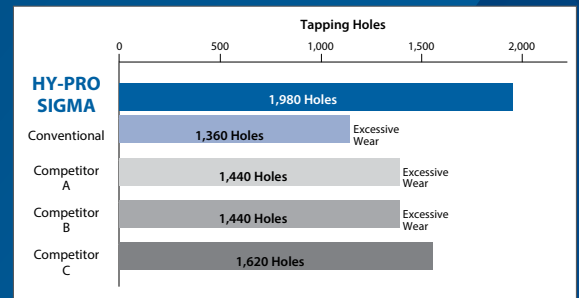
Hole Size
ø5.3 x 15mm

Depth
0.5" (12.7mm)

Cutting Speed
32.8 SFM (10m/min)

Coolant
Water Soluble

Machine
Vertical Machining Center



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the latest OSG solutions

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Today At

DURAMILL
INDUSTRIAL SUPPLIES
an MSC Company



HY-PRO SIGMA



SIGMA

SPIRAL FLUTE	SPIRAL POINT	HSSE	S/O	TiCN	C/4P	C/2.5P	0°	45°	PACKED 1 PIECE
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Features & Benefits

- Superior Durability** Geometry designed to last longer in harder materials.
- Sharp Cutting Edge** Sharp cutting edge for stabilizing chip shape and decreasing cutting resistance.
- Special Flute Form** Special flute that improves chip formation and evacuation.

List Numbers

10280 - HY-PRO® SIGMA POT (Inch)
 10289 - HY-PRO® SIGMA POT (Metric)
 10290 - HY-PRO® SIGMA SFT (Inch)
 10299 - HY-PRO® SIGMA SFT (Metric)

Size Range

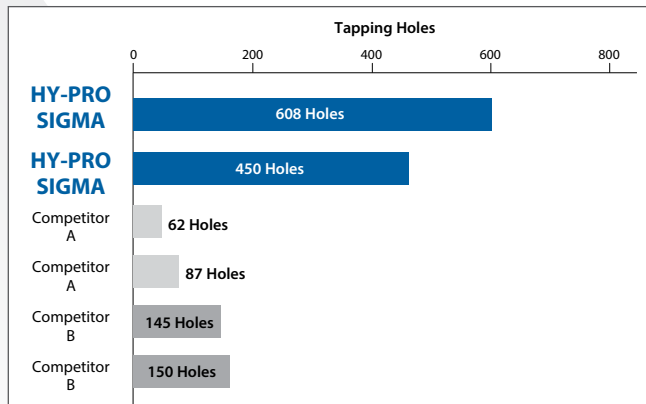
No. 2 - 1"
 M3 - M24
 No. 2 - 1"
 M3 - M24

MSC Item Number	OSG Item Number	Brand	List Name	OSG List Number	Units	Style	Thread Size	Thread Limit
41546433	1028001801	HY-PRO	SIGMA	10280	Inch	Spiral Point	No. 8 - 32 UNC	H3
41547605	1028002201	HY-PRO	SIGMA	10280	Inch	Spiral Point	No. 10 - 32 UNF	H3
41548371	1028002501	HY-PRO	SIGMA	10280	Inch	Spiral Point	1/4 - 20 UNC	H3
41549825	1028003401	HY-PRO	SIGMA	10280	Inch	Spiral Point	3/8 - 16 UNC	H5
41555319	1028005201	HY-PRO	SIGMA	10280	Inch	Spiral Point	5/8 - 18 UNF	H5
48908602	1029001801	HY-PRO	SIGMA	10290	Inch	Spiral Flute	No. 8 - 32 UNC	H3
48910285	1029002201	HY-PRO	SIGMA	10290	Inch	Spiral Flute	No. 10 - 32 UNF	H3
48910780	1029002501	HY-PRO	SIGMA	10290	Inch	Spiral Flute	1/4 - 20 UNC	H3
48911879	1029003401	HY-PRO	SIGMA	10290	Inch	Spiral Flute	3/8 - 16 UNC	H5
48916431	1029005201	HY-PRO	SIGMA	10290	Inch	Spiral Flute	5/8 - 18 UNF	H5

Full offering available on mscdirect.com/osg

HY-PRO® SIGMA SFT: Excellent Chip Control & Long Tool Life

304L Stainless Steel



Work Material

304L Stainless Steel

Coating

Steam Oxide

Hole Size

ø8.1 x 23mm

Depth

0.75" (19.1mm)

Cutting Speed

30 SFM (9.15m/min)

Coolant

Water Soluble

Machine

VMC



Keyword Search:
HY-PRO SIGMA

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Materials

Steel • Stainless Steel • Cast Iron
 Hardened Steel up to 35HRC

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