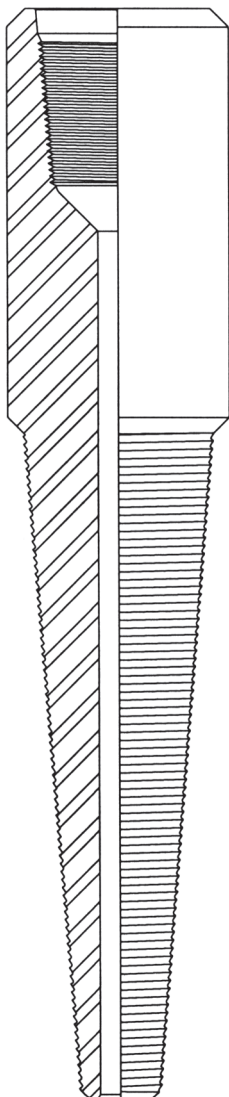


TAPER TAPS



TAPER TAPS

Overview

Rotary Taper Taps are the simplest, and the most economical, internal catch fishing tools designed for retrieving a fish from the hole. They are available in an assortment of sizes, lengths, and connections, or can be custom-made to customer specifications.

Construction

The Taper Tap is manufactured in one piece from high grade alloy and specially heat treated for strength. Taper Taps are available in two types: plain and skirt type.

Plain Type

Plain type taper taps are not threaded on the outside diameter shoulder.

Skirt Type

Skirt type taper taps are designed to guide the fish for proper engagement and retrieval. The outside diameter shoulder is threaded for a skirt. Skirts can be furnished with a plain, lipped, or threaded end. Threaded end skirts must be used with oversized guides. Thread protectors are provided with skirt type taper taps and threaded end skirts.

Wickers

All Rotary Taper Taps are manufactured with hardened wickers (cutting teeth) that provide an excellent grip for light-duty pickup jobs and ensure positive, reliable engagement of the fish.

Standard wickers are a non-fluted, plain water-tight design to provide circulation below the stuck point. Fluted type wickers are available upon request. They are designed to provide circulation to flush out cuttings during fish engagement. All Rotary Taper Taps are designed with a circulation hole drilled through the center.

Right-hand wickers for right-hand rotation engagement are standard on Logan Rotary Taper Taps. Left-hand wickers are available upon request. There is no extra charge for left-hand wickers.

Operation

Engaging the Fish

The Rotary Taper Tap is attached to the fishing string and lowered into the hole to the top of the fish. Apply weight of less than one point and rotate the tap until the tapered threads have engaged the fish. Excessive weight and rotation could damage the wickers. When securely engaged, stop rotation and lift the fish from the hole.

How to Order

When ordering, please specify:

- (1) Assembly number
- (2) Size of fish to be caught
- (3) Size and type of top connection
- (4) Fluted or non-fluted wickers
- (5) Threaded for skirt with skirt thread protector

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| COMPLETE ASSEMBLY | 203-150 | 203-175 | 203-181 | 203-190 | 203-231 | 203-238 | 203-306 |
|-----------------------------|-------------|--------------------|--------------------|---------|--------------------|------------|--------------|
| NOMINAL SIZE | 5/8 SR | 3/4 SR | 1-13/16 FJ | 1 EUE | 7/8 SR | 1-1/4 EUE | 2-3/8 EUE |
| O.D. | 1-1/2 | 1-3/4 | 1-13/16 | 1.9 | 2-5/16 | 2-3/8 | 3-1/16 |
| TO CATCH | 1/2 to 1 ID | 5/8 to 1-1/4 ID | 3/4 to 1-3/8 ID | 1 Pipe | 7/8 to 1-1/2 ID | 1-1/4 Pipe | 2-3/8 OD CPL |
| DIAMETER OF SMALLEST WICKER | 3/8 | 1/2 | 5/8 | 3/4 | 3/4 | 7/8 | 1-5/8 |
| DIAMETER OF LARGEST WICKER | 1-1/4 | 1-1/2 | 1-5/8 | 1-3/4 | 1-3/4 | 1-7/8 | 2-5/8 |
| LENGTH OF TAPER Inches | 14 | 16 | 16 | 16 | 16 | 16 | 16 |

| COMPLETE ASSEMBLY | 203-313 | 203-338 | 203-363 | 203-375 | 203-413 | 203-425 | 203-463 |
|-----------------------------|-----------|-----------------|-----------|-----------|-------------------|-----------|----------------------|
| NOMINAL SIZE | 2-3/8 Reg | 2-3/8 IF | 2-3/8 Reg | 2-7/8 Reg | 2-7/8 IF | 3-1/2 Reg | 3-1/2 FH |
| O.D. | 3-1/8 | 3-3/8 | 3-5/8 | 3-3/4 | 4-1/8 | 4-1/4 | 4-3/8 |
| TO CATCH | 2-3/8 Reg | 2-3/8 IF HYD | 2-3/8 Reg | 2-7/8 Reg | 2-7/8 Pipe API | 3-1/2 Reg | 3-1/2 Pipe API FH |
| DIAMETER OF SMALLEST WICKER | 5/8 | 1-3/8 | 1-1/2 | 7/8 | 1-3/4 | 1 | 1-5/8 |
| DIAMETER OF LARGEST WICKER | 1-5/8 | 2-3/8 | 3 | 1-7/8 | 2-3/4 | 2-1/2 | 3-1/8 |
| LENGTH OF TAPER Inches | 16 | 16 | 24 | 16 | 16 | 24 | 24 |

| COMPLETE ASSEMBLY | 203-463 | 203-475 | 203-500 | 203-525 | 203-550 | 203-575 | 203-600 |
|-----------------------------|----------------------|------------------------|------------------|---------|-----------|--|----------|
| NOMINAL SIZE | 3-1/2 FH | 3-1/2 IF | 4-1/2 REED DS | 4 FH | 4-1/2 Reg | 4-1/2 FH | 4-1/2 XH |
| O.D. | 4-5/8 | 4-3/4 | 5 | 5 1/4 | 5 1/2 | 5 3/4 | 6 |
| TO CATCH | 3-1/2 Pipe API FH | 3-1/2 IF 3-1/2 Pipe | 4-1/2 REED DS | 4 FH | 4-1/2 Reg | 4 IF 4 Pipe 4-1/2 FH 4-1/2 Pipe | 4-1/2 XH |
| DIAMETER OF SMALLEST WICKER | 1-5/8 | 2-3/16 | 2-5/16 | 2-5/16 | 1-3/4 | 2-5/8 | 2-7/8 |
| DIAMETER OF LARGEST WICKER | 3-1/8 | 3-11/16 | 3-13/16 | 3-15/16 | 3-3/8 | 4-1/4 | 4-1/2 |
| LENGTH OF TAPER Inches | 24 | 24 | 24 | 26 | 26 | 26 | 26 |

| COMPLETE ASSEMBLY | 203-613 | 203-675 | 203-700 | 203-738 | 203-775 | 203-800 |
|-----------------------------|------------------------|------------------------|-------------------------------|-------------------------------|-----------|---------------------|
| NOMINAL SIZE | 4-1/2 IF | 5-1/2 Reg | 5-1/2 FH | 5-1/2 IF | 6-5/8 Reg | 6-5/8 Reg |
| O.D. | 6-1/8 | 6-3/4 | 7 | 7-3/8 | 7-3/4 | 8 |
| TO CATCH | 4-1/2 IF 4-1/2 PIPE | 5-1/2 or 5-9/16 Reg | 5-1/2 or 5-9/16 FH Pipe | 5-1/2 or 5-9/16 IF Pipe | 6-5/8 Reg | 6-5/8 FH IF Pipe |
| DIAMETER OF SMALLEST WICKER | 3-1/4 | 2-1/4 | 3-5/8 | 4-1/4 | 3 | 4-5/8 |
| DIAMETER OF LARGEST WICKER | 4-3/4 | 4 | 5-3/8 | 6 | 4-3/4 | 6-3/8 |
| LENGTH OF TAPER Inches | 24 | 28 | 28 | 28 | 28 | 28 |

Note: No extra charge for Left-Hand Taper Taps.

When ordering, please specify:

- (1) Assembly number
- (2) Size of fish to be caught
- (3) Size and type of top connection
- (4) Fluted or non-fluted wickers
- (5) Threaded for skirt with skirt thread protector