

MAXIMUS

Completion Systems

PACKER SYSTEMS



**MagnusSet – IXS
Injection Packer
Product No.: MXS-770912**



MagnusSet - IXS Injection Packer

The MagnusSet - IXS Injection Packer is a versatile, general purpose, large bore, double-grip, retrievable packer. A mechanical locking system allows the packer to hold pressure from above and below. After setting, the 'IXS' can be left with tubing in tension, compression or neutral.

Designed primarily for injection wells, but may also be used for production, zone isolation or remedial operations.

MagnusSet - IXS can be set shallow with tension or deeper with compression and once set can remain in neutral, it is ideal for completions where periodic casing integrity tests are required.

FEATURES:

- Can be set with tension for use in shallow or deep wells.
- No tension or compression required to hold the tool in place once set.
- Temperature rating up to 350 Degree F.
- 1/4 turn right-hand to set, 1/4 turn right-hand release.
- Emergency straight pull shear release, shear rating 30,000 Lbs.
- Metallurgy L-80 4140-4145



**MagnusSet - IXS
Injection Packer**

Casing & Packer Dimension Table

| Casing O.D. | Casing Weight | Minimum Casing I.D. | Maximum Packer O.D. | Packer I.D. | Connection |
|-------------|---------------|---------------------|---------------------|-------------|------------|
| 7.0" | 17.0 – 26.0 | 6.276" | 6.000" | 2.500" | 2-7/8" EU |
| | 17.0 – 26.0 | 6.276" | 6.000" | 3.000" | 3-1/2" EU |

Note*: All Premium & Drill Pipe connections are available on request.
Elastomers available: Nitrile, HNBR, HSN, Viton, Aflas



MagnusSet - IXS

7" 17.0-26.0 PPF

[MXS-770912]

| Sr. # | DESCRIPTION | QTY | PART NO. | MATERIAL |
|-------|----------------------------|-----|-------------|--------------|
| 0 | MagnusSet-IXS | - | - | - |
| 1 | TOPSUB (3 ½ X 3 1/2) | 1 | MXS-762039 | 4140 |
| 2 | SPARING CAGE CAP | 1 | MXS-754206 | 4140 |
| 3 | FOLLOWER SPRING | 1 | MXS-754164 | SPRING STEEL |
| 4 | SPRING CAGE | 1 | MXS-754239 | 4140 |
| 5 | UPPER SLIP BODY | 1 | MXS-754226 | 4140 |
| 6 | SPRING RETAINING RING | 1 | MXS-761948 | 4140 |
| 7 | UPPER SLIP SPRING | 6 | MXS-762802 | SPRING STEEL |
| 8 | UPPER SLIP | 2 | MXS-754309 | 8620 |
| 9 | RELEASING SLIP | 1 | MXS-754225 | 8620 |
| 10 | INNER MANDREL | 1 | MXS-753652 | 4140 |
| 11 | UPPER CONE | 1 | MXS-753832 | 4140 |
| 12 | O-RING-341 | 2 | O-341-NB | NITRILE/HNBR |
| 13 | RUBBER MANDREL | 1 | MXS-761795 | 4140 |
| 14 | UPPER GAGE RING | 1 | MXS-756658 | 1018 |
| 15 | PACKING ELEMENT-80 DURO | 2 | MXS-762122 | NITRILE/HNBR |
| 16 | RUBBER SPACER | 1 | MXS-753714 | 1018 |
| 17 | LOWER GAGE RING | 1 | MXS-753696 | 1018 |
| 18 | RUBBER MANDREL CAP | 1 | MXS-761740 | 4140 |
| 19 | RUBBER RETAINER | 1 | MXS-753772 | 4140 |
| 20 | LOWER CONE | 1 | MXS-753719 | 4140 |
| 21 | LOWER SLIP SUPPORT | 1 | MXS-753820 | 4140 |
| 22 | LOWER SLIP | 3 | MXS-753611 | 8620 |
| 23 | LOWER SLIP SPRING | 6 | MXS-752725 | SS |
| 24 | LOWER SLIP BODY | 1 | MXS-753663 | 4140 |
| 25 | SET SCREW-3/8-16UNC X 3/8 | 4 | MSS-38-16C | SPRING STEEL |
| 26 | DRAG BLOCK RETAINER | 1 | MXS-753716 | 1018 |
| 27 | SET SCREW-5/16-18UNC X 1/4 | 3 | MSS-516-18C | MS |
| 28 | O-RING-237 | 1 | O-237-NB | NITRILE/HNBR |
| 29 | DRAG BLOCK | 3 | MXS-754927 | 8620 |
| 30 | DRAG BLOCK SPRING | 18 | MXS-763134 | SPRING STEEL |



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|-------|----------------------------|-----|------------|----------|
| 31 | DRAG BLOCK BODY | 1 | MXS-753794 | 4140 |
| 32 | J-SLOT MANDREL | 1 | MXS-761856 | 4140 |
| 33 | J-PIN | 2 | MXS-753801 | 4140 |
| 34 | DRAG BLOCK BODY CAP | 1 | MXS-753814 | 4140 |
| 35 | THREAD PROTECTOR [3 ½ M] | 1 | M-312-MP | PLASTIC |
| 36 | THREAD PROTECTOR [3 1/2 F] | 1 | M-312-FP | PLASTIC |

