

RUN IN SET-UP

CASING SHOWN FOR
ILLUSTRATIVE PURPOSES

FIRST ACTIVATION SHEAR
MOVING THE SETTING KEY
& PISTON SECTION DOWN
(HANGER SET)

1st SET OF SHEAR SCREWS

1-1/4" DROP BALL

SECOND ACTIVATION SHEAR
DE-SUPPORTING SETTING
& CENTRALISING KEYS

2nd SET OF SHEAR SCREWS

THIRD ACTIVATION SHEAR
DE-SUPPORTING MAIN KEYS

3rd SET OF SHEAR SCREWS

BALL SEAT RELEASE
ALLOWING BYPASS
CIRCULATION

BYPASS PORTS EXPOSED
ALLOWING FLOW TO CONTINUE

SETTING TOOL ASSEMBLY
ACTIVATION SEQUENCE

ATTEMPTING THIRD ACTIVATION SHEAR
DE-SUPPORTING MAIN KEYS

CASING SHOWN FOR
ILLUSTRATIVE PURPOSES

SECONDARY RELEASE
OPERATED WITH WEIGHT APPLIED
SHEARING SHEAR SCREWS, RELEASING CLUTCH

SECONDARY RELEASE
RIGHT HAND ROTATION
TO SHEAR TORQUE SCREWS

SECONDARY RELEASE
SLACK OFF TO MECHANICALLY
SHEAR THIRD STAGE
DE-SUPPORTING MAIN KEYS

BALL SEAT RELEASE
ALLOWING BYPASS
CIRCULATION

SCREWS SHEARED TO RELEASE CLUTCH

ROTATION OF UPPER PART OF TOOL

TORQUE SCREWS SHEARED

3rd SET OF SHEAR SCREWS

BYPASS PORTS EXPOSED
ALLOWING FLOW TO CONTINUE

SETTING TOOL ASSEMBLY
SECONDARY RELEASE
ACTIVATION SEQUENCE