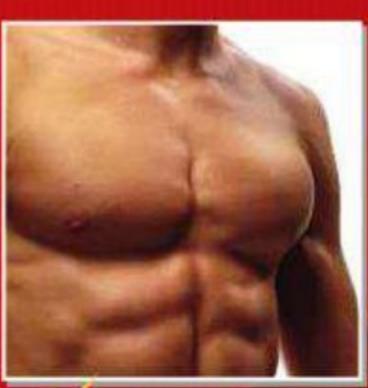
Men's Fitness magazine

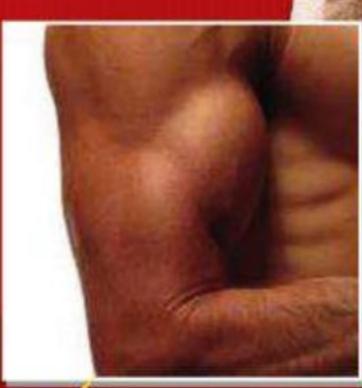
4 CST EXERCISES

Essential moves to build any body part

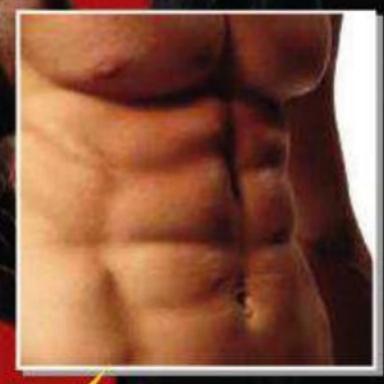




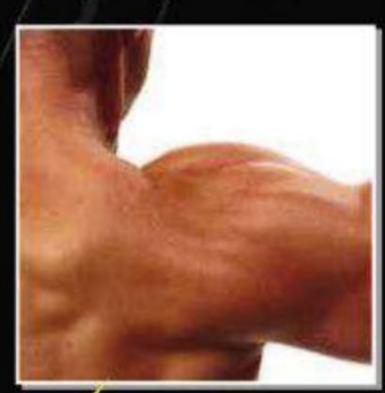
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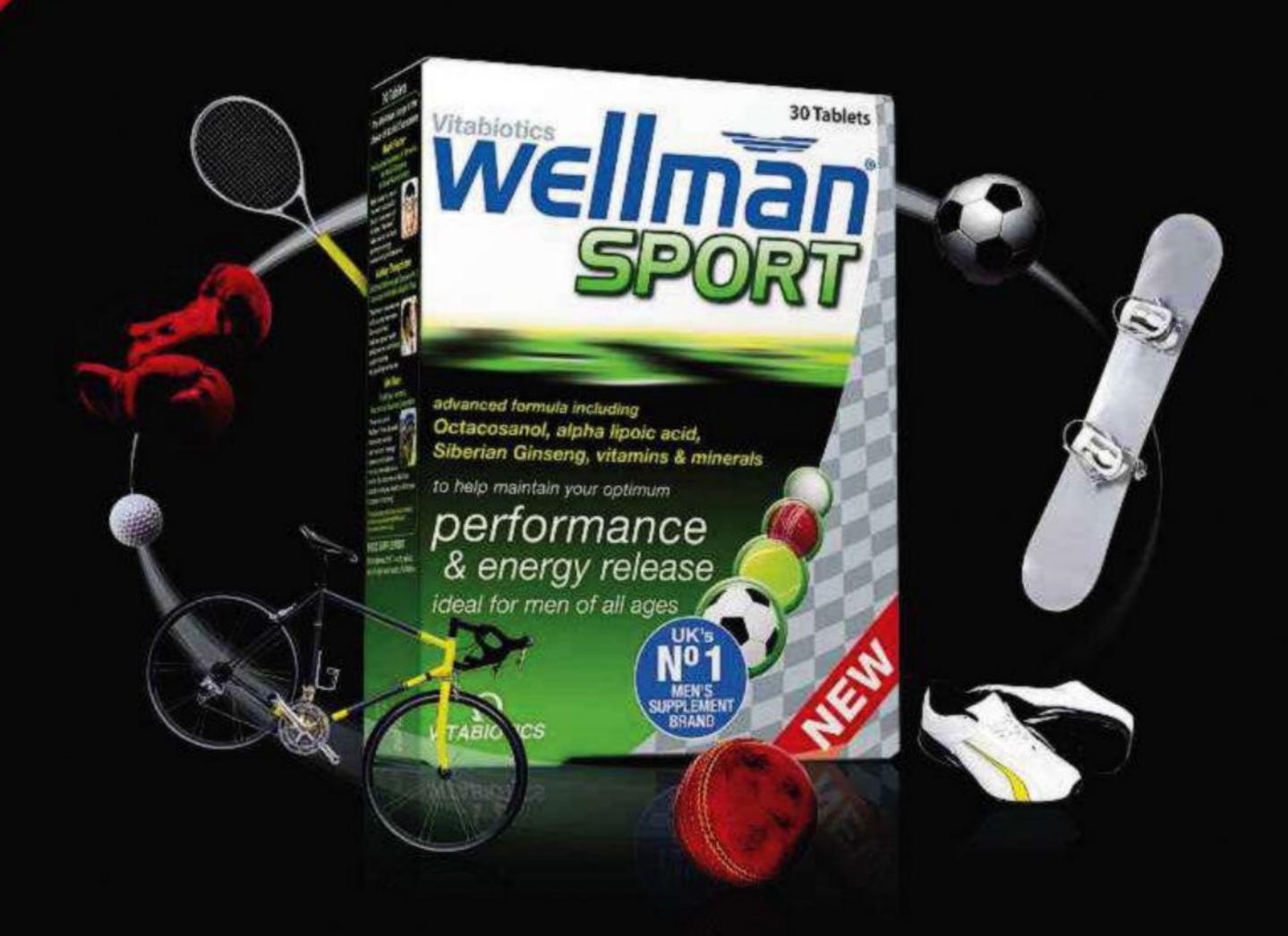
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Foreword

f you always do the same exercises every time you train, you'll never get the body you want. To develop a lean, muscular physique you need to vary your workouts so that your body can respond positively to the new stimulus. Now that you have over 100 of the most effective moves at your disposal, complete with detailed form guides, you'll never be short of fresh exercises to use in your routines.

Tailoring workouts to suit your goals

The book is split up into body part sections so if you want to concentrate on a specific goal, such as adding size to your arms, you have an arsenal of the best moves. We've also included a comprehensive guide to creating your own workouts (p8-15), so you can put the moves together



for maximum effect.

8-15 Creating workouts

16-40 Chest and triceps

42-68
Back and biceps

70-96Abs and core

98-117 Legs

118-129 Shoulders





Introduction

How to use this book

As the title suggests, this book contains 101 of the best exercises you can do, whether you work out at home or in a gym. We've split the moves up into sections that target your chest and triceps, back and biceps, abs, legs and shoulders. We've also given you the essential information on creating your own workouts, which means that you can use this book in two ways as follows.

Master key muscle moves

You can use this book as a form guide resource so you know that you're doing an exercise safely and effectively. You can also pick exercises you like and drop them into your workouts. Doing these new moves will keep your body stimulated and help you build muscle.

Create your own workouts

Once you've read our guide to creating your own workouts, which starts on page 9, you can start to put your own routines together. We've covered all the major training variables that you can use to construct a training programme that will help you reach your goals, whether that's getting bigger, getting stronger or shedding body fat.

Exercise icons

Every exercise in this book is accompanied by icons that tell you what sort of move it is and what training effect it'll have. Here's what they mean



Go light

Use a light resistance and focus on getting the form right.



Stabiliser

A move that requires you to hold your body steady.



Go heavy

To pack on muscle, use the heaviest weight you can handle safely.



Explosive

These moves should be done quickly and powerfully.



Compound

A move that uses multiple joints and muscle groups.



Core

Exercises that train the muscles around your midriff.



Isolation

A single-joint move that targets a specific muscle group.

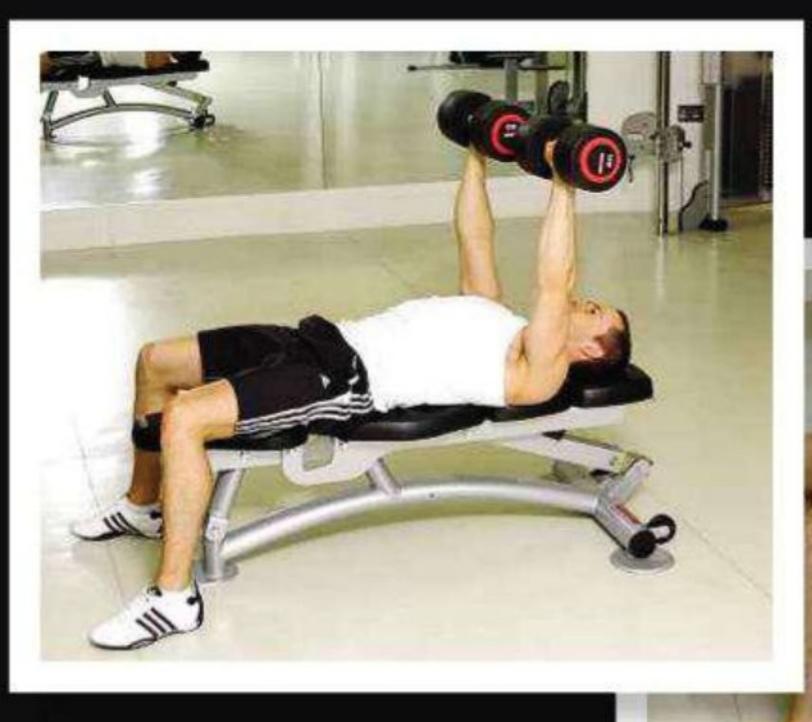


Form alert

Pay particular attention to correct form to avoid injuries to muscles.

CREATE YOUR OWN WORKOUTS

Understanding your workout options





Use the information in this section to create your own workouts and tailor your training

of achieving your workout aims, you need to create and stick to a programme. To do that you need to understand the key variables involved in exercise. The main ones you need to be aware of, and the ones addressed here, are reps, sets, rest, tempo and frequency.

How muscles grow

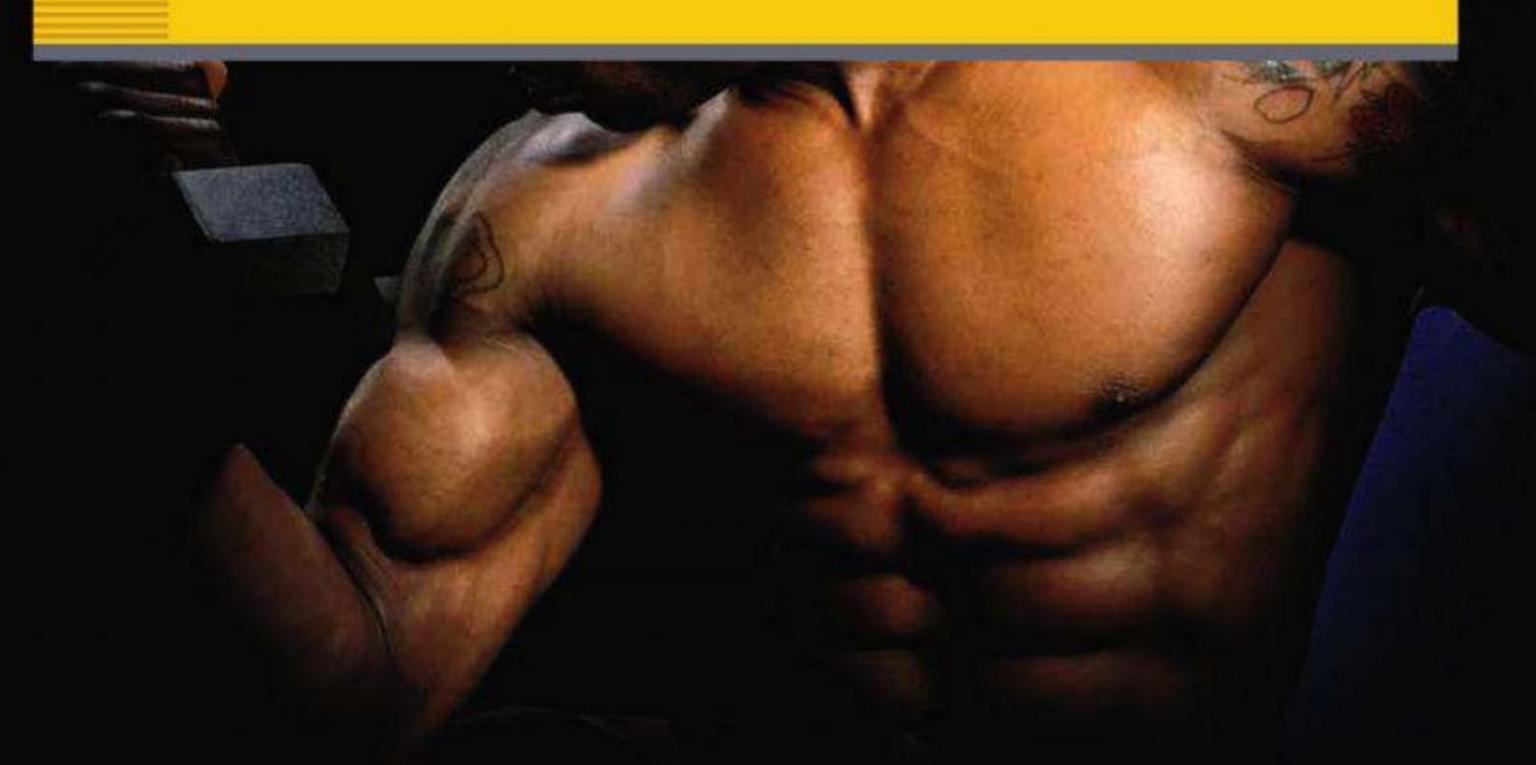
A basic understanding of what happens to your muscles when you exercise will help you use the training variables effectively. Performing resistance exercises creates tiny tears in your muscles. If you get sufficient rest and take on amino acids from protein-rich food your body will respond to this stimulus and your muscles will repair themselves to become bigger and stronger.

If you keep repeating the same workout, though, your body will adapt to the stimulus and your progress will stall. That's why you need a broad range of exercises, such as the 101 in this book, at your disposal. Using the key training variables will further increase your workout options and help you get the body you've always wanted.

TRAINING VARIABLES AT A GLANCE

- Repetitions Also known as reps, this is the number of times you lift a weight or perform a bodyweight exercise within a set.
- **Sets** Groups of repetitions performed back to back.
- Rest The inactive time you take between sets and exercises.
- Tempo The speed at which reps are performed.
- Frequency This refers to how often you perform a workout.

Repetitions



The number of repetitions you perform will affect your results. Here's how to use different rep ranges to meet your goals

ou might think that more reps equals more muscle, but that's not the case. The number of repetitions you perform each set will have a big impact on whether the primary effect of your workout is developing muscle strength, size or endurance. Low reps in the one-to-six range are best for building strength; between seven and 12 reps is best for adding muscle mass; and 13 or more reps will develop muscle endurance.

These are, however, broad guides and are on a spectrum rather than self-contained blocks. Performing three or six repetitions of an exercise, for example, will build strength but doing six repetitions will have more of a size development

effect than performing three, because it's closer to the size gain range of the spectrum.

Fail to succeed

In each case, to get the desired effect, you should aim to reach failure (when you can't complete another rep without compromising form) at your target rep count on the final set of the exercise. If you complete your reps and feel that you could perform more, you're not using a heavy enough weight.

Reps at a glance

Effect	Reps
Strength	1-6
Muscle mass	7-12
Endurance	13+

It's also important to remember that these rep ranges are general guides. Not everyone responds to resistance training in exactly the same way and even different muscles in the body can respond differently, depending on their function. For example, slowtwitch muscle fibres (the smaller muscle fibres involved in longdistance endurance efforts) will generally experience strength gains at a higher rep range than fast-twitch muscle fibres (the larger muscle fibres involved in short, explosive movements).

Your level of training experience will also play a part in your results. Generally, people new to weight training will develop strength into a slightly higher rep range than more experienced exercisers.

CREATE YOUR OWN WORKOUTS

Sets

Pick the right number to fatigue your muscles and get stronger

ow many sets you perform is directly related to how many reps you do. Generally, the more sets you do, the fewer reps you should perform and vice versa.

Doing three sets of ten to 12 reps is a standard formula that will allow you to lift enough weight to challenge your muscles and also

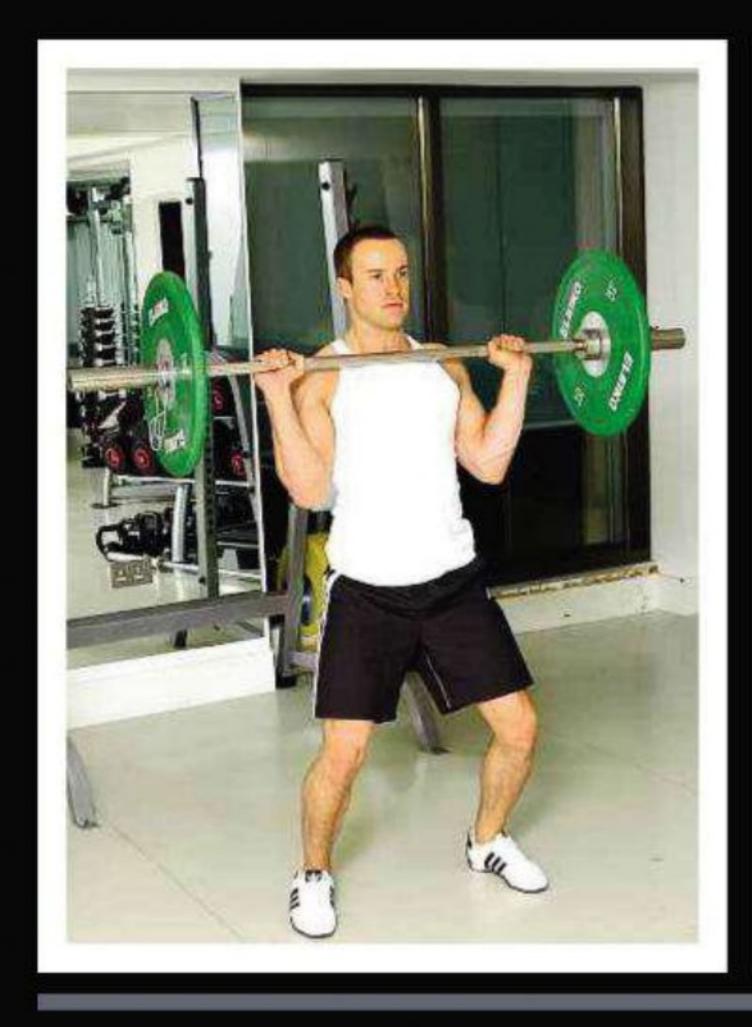
fatigue them in a time that will maximise your training effect. If you tried to do six sets of ten to 12 reps it would be almost impossible to pick a weight that would give you a decent training effect and allow you to complete all the reps.

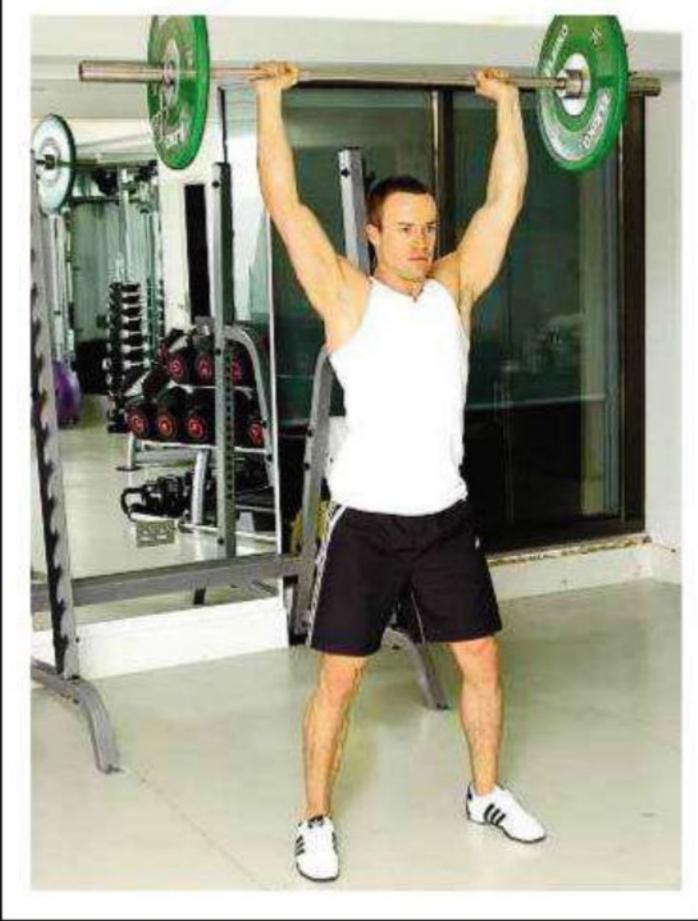
Even if you could complete them, your workouts would take too long. Studies show that the most effective workout length for building strength and muscle is 45 minutes. After that your training efforts can be counterproductive, because testosterone levels drop and stress hormone levels rise. That also means that if

you include a high number of exercises in your workout you may need to reduce the sets per exercise you perform.

Experience matters

If you're new to training, you may consider doing one or two sets of each exercise to get your muscles used to performing the movements. As you improve, you can increase the total number of sets you complete. Experienced lifters often get better strength and hypertrophy (muscle growth) results by doing higher numbers of sets with lower numbers of reps.





101

BEST EXERCISES

Tempo

Make sure you're lifting at the most effective speed

he speed at which you perform your exercises will contribute to their training effect. Don't bash out your reps as fast as you can because you're likely to use momentum, rather than your own strength, to shift the weight. You're also likely to compromise your form, which could lead to injury, and you won't be putting your muscles under tension for the optimum amount of time.

To maximise strength and size improvements, research suggests your muscles should be under tension for between 40 and 70 seconds per set, provided you're not using low rep ranges. This will cause you to use anaerobic energy, which produces lactate and prompts the release of testosterone and growth hormones.

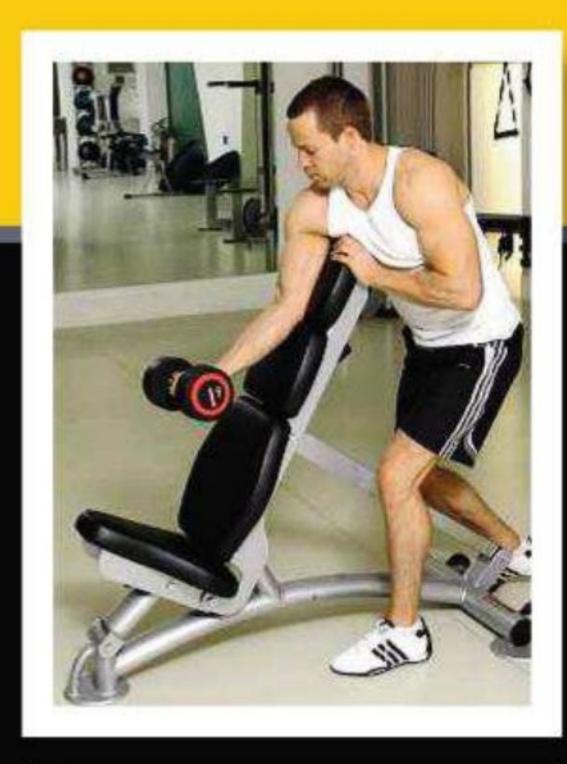
You also need to pay attention to the tempo you

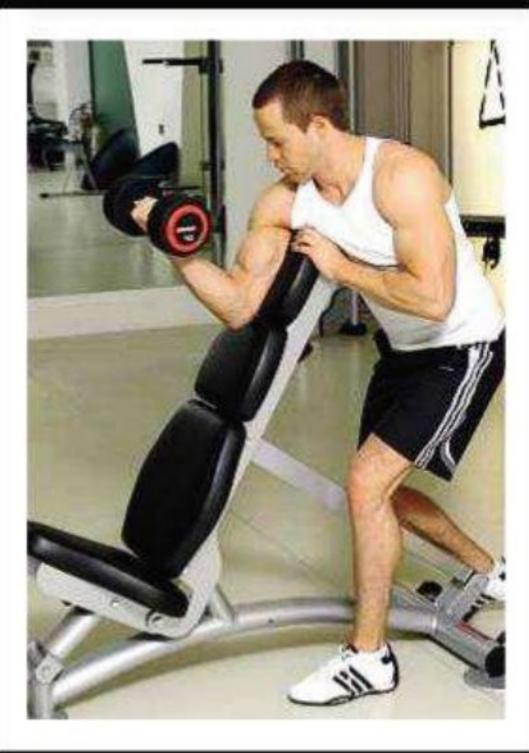
use to complete each part of a lift. To make sure your muscles are under tension for long enough, take one second to lift the weight, pause, then take two to three seconds to lower. The reason you take longer to lower is that size gains are best made during the eccentric (lowering) phase of the lift.

Taking your time will help you recruit stabilising muscles, which protect your joints and support the bigger muscles when you attempt heavy lifts. It also takes momentum out of the exercises.

Lifting and lowering

Some exercises, such as the clean and press, have to be performed at speed because they require explosive movements to lift a weight that's heavy enough to have a training benefit. You also generally re-set after each lift, rather than lowering slowly under control. As with sets and reps, it's important to vary the tempo, so don't use the same speed for every exercise and every workout.





Workout tips

Warm up before a workout

Raise your body temperature to prepare for exercise. Run or cycle for five minutes, then do bodyweight exercises such as press-ups or lunges.

...and warm down afterwards

Stretching at the end of your session will help flush out the lactic acid from your muscles and prevent post-exercise soreness and stiffness.

Engage your core

Before you start any lift you should engage your core muscles by tensing your midsection. This will keep you stable and protect your back form injury.

Eat after exercise

Aim to eat a snack containing fast-acting carbs within 40 minutes of finishing your workout. The carbs will top up your energy stores and the protein will help build muscle.

CREATE YOUR OWN WORKOUTS

Rest

Use recovery periods to make your workout effective

he rest you take between sets and exercises determines whether or not you're able to complete the next section of your workout. As a rule, sets with few reps will require the most rest. This is because they train the nervous system and fast-twitch muscle fibres, which fatigue easily and take longer to recover. You may need to rest for up to five minutes when you perform low reps of an explosive move with heavy weights. As you increase the number of reps you train more slowtwitch muscle fibres, which are harder to fatigue.

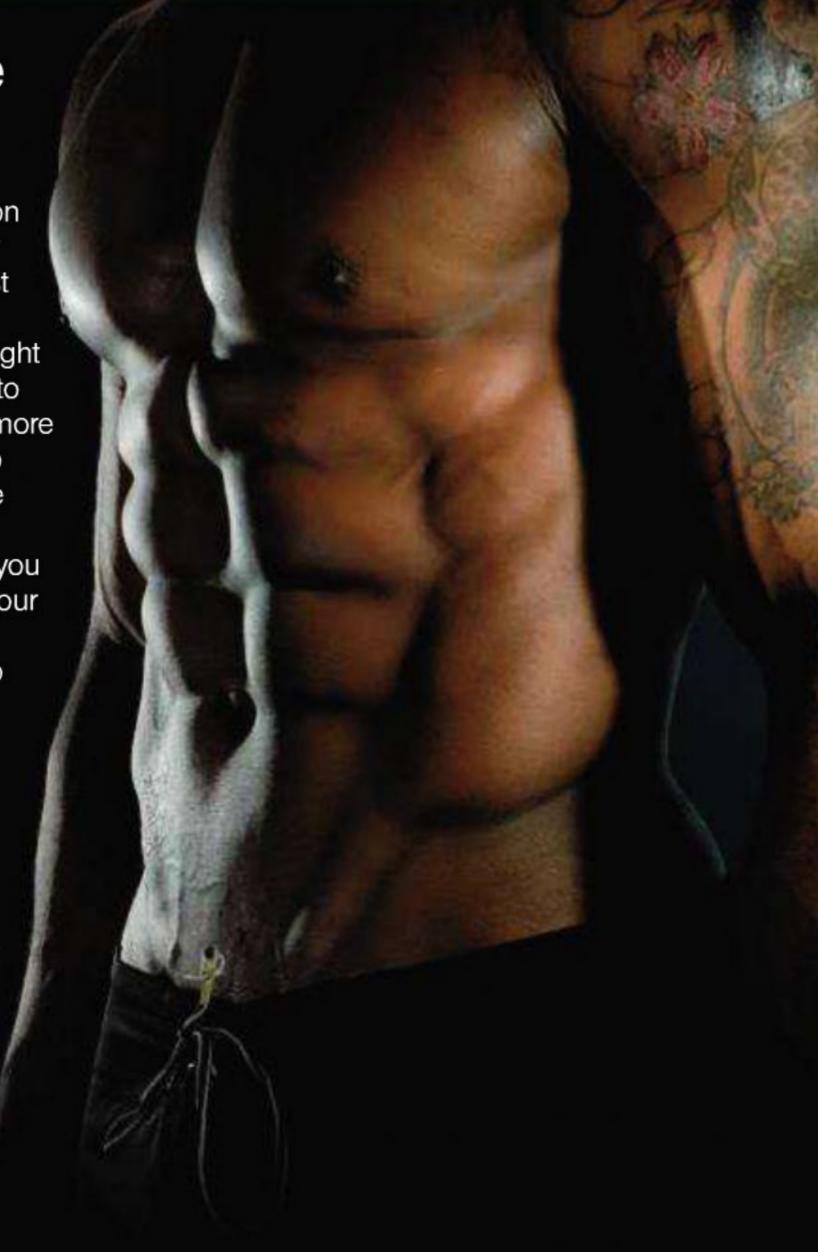
Vary your rests

Different exercises also require different rest times. Big compound moves such as squats and deadlifts require longer rests of about two minutes

than single joint isolation moves, which may only require 30 seconds' rest between exercises.

If you are new to weight training you may need to take longer rests than more experienced lifters, who have a higher tolerance to the lactate produced during lifts. How much you weigh can also affect your rest times, with heavier lifters needing longer to recover between sets.

Essentially, your rest periods are effective when you can reach positive failure on the last rep of the set. This means that you are unable to lift the weight with perfect form but are able to lower it under control. If you don't reach that point by the end of your set, make sure that you are sticking to your rest periods.



Don't ignore pain

The phrase 'no pain no gain' is nonsense. You do need to push yourself and put effort into your workouts but if you feel pain, stop.

Get your form right

Follow the form guides that annotate each exercise and you'll reduce your chances of getting injured. Ignore them and you'll end up on the treatment table.

Go big to get bigger

Big multi-muscle exercises such as squats and deadlifts are the most effective for building muscle. They place a high demand on your body and they burn more calories.

See your GP

If you're new to exercise or you have any concerns about the state of your health, go for a check-up with your GP.

101

BEST EXERCISES

Frequency

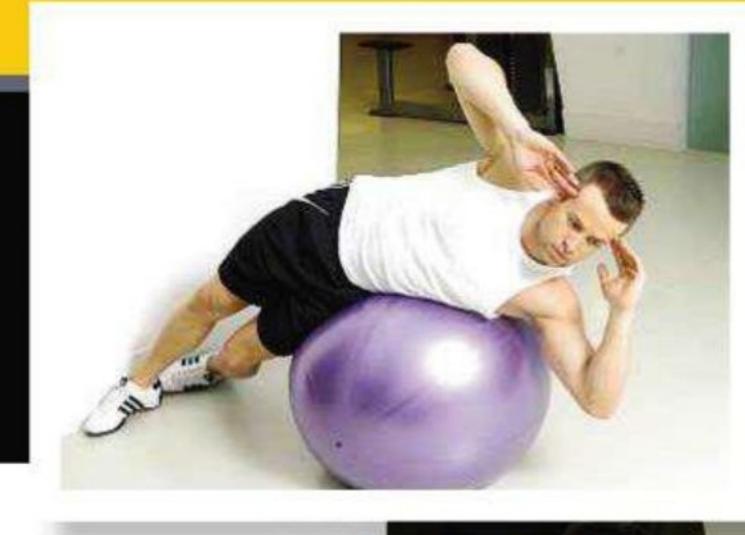
How many workouts should you do each week? Here's what you need to know

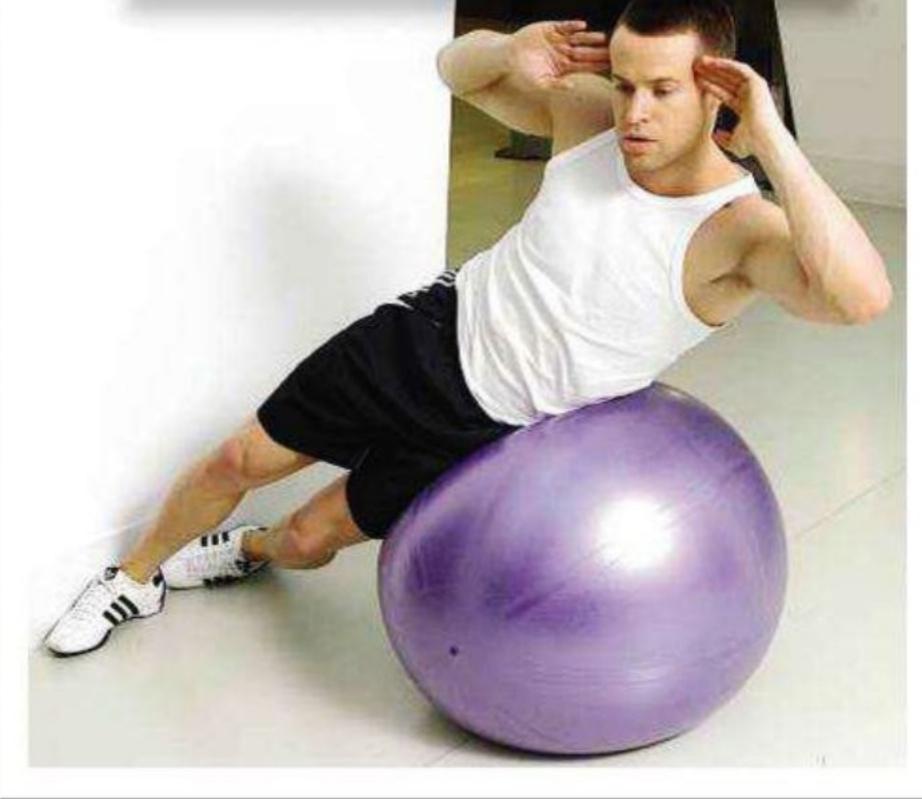
barrier to fitness is not having enough time to work out. But the good news is that you don't need to train seven days a week to see great results. Doing three workouts a week should be sufficient to achieve your workout goals.

Exactly how many sessions you do depends on a number of factors. One thing that should influence training frequency is what sort of workouts you're doing. A hard fully-body session may mean that you need to leave at least 48 hours between sessions in order for your muscles to recover. If you're focusing on a particular body part each workout, you may be able to train the following day if you work on a different body part.

Less is more

One common mistake is to think that the more workouts you do, the stronger and more muscular you'll become. In fact it's while you're resting, rather than while you're working out, that your muscles get bigger and stronger. If you stress your muscles before they've had a chance to repair themselves this may cause overtraining, where you lose strength and muscle mass and feel lethargic.





Some muscle groups take longer to recover than others. Larger muscle groups, particularly those with a comparatively higher percentage of fast-twitch muscle fibres, such as the hamstrings, may take longer to recover than smaller muscle groups such as the calves.

Doing big compound lifts such as deadlifts also places

more of a stress on your nervous system than smaller lifts, such as biceps curls, so you'll need longer to recover. You should also take longer to recover from intense sessions, where you do low reps of heavy weights, than you do from endurance and stability sessions, where you do high reps of light weights.

Selecting and ordering exercises

Here's how to structure your workouts for maximum effect

he following guidelines
will help you to structure
your workouts to maximise
muscle growth and strength gains
and to minimise injury risk.

Do difficult moves first and easier moves last

Perform large muscle group moves, such as squats and deadlifts, at the beginning of your workout to make sure you keep perfect form and your core is strong enough to stabilise your body. Easier moves, such as biceps curls, should be done later in the workout.

Do big explosive moves early in your workout

Explosive exercises such as the hang clean are very demanding so they need to be performed when you are relatively fresh. Do these moves earlier in your workout than simpler moves such as triceps extensions.

Keep your workouts balanced

Unless you are specifically doing an unbalanced workout (one made up exclusively of pushing movements, for example), it's advisable to try to keep your workouts balanced. So

for every pushing exercise you do, you should do a pulling one.

Save core moves until last

If you do core moves early on in your workout you'll fatigue the muscles. When you then come to do big dynamic lifts, such as lunges, that call on your core to stabilise your movement, they may not be able to provide adequate support, which can increase your injury risk.

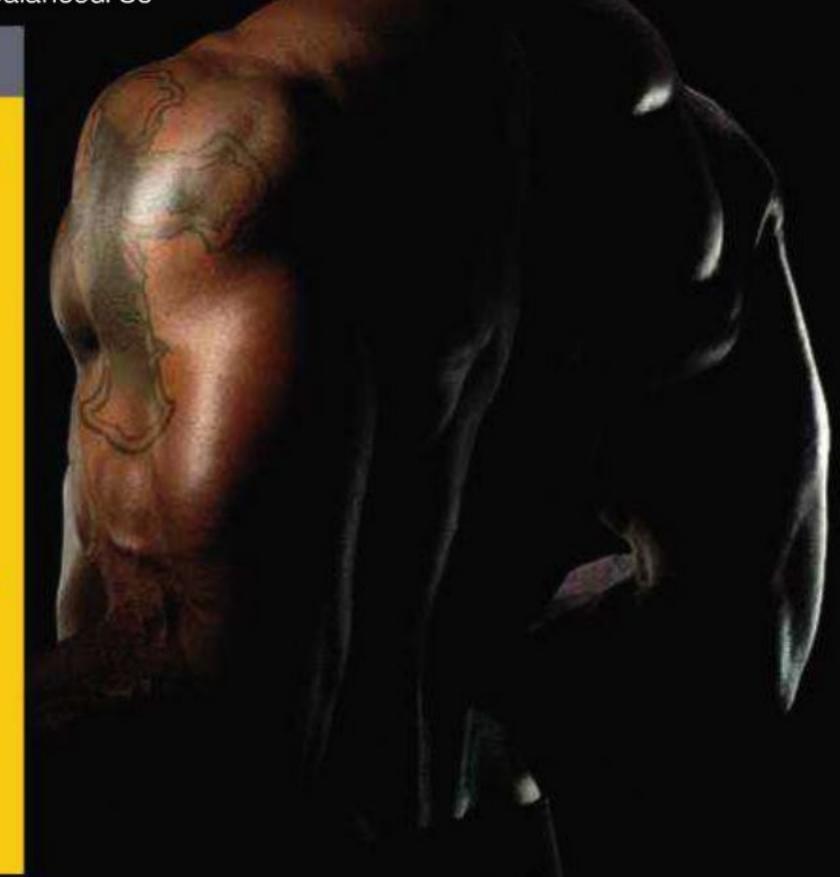
SAMPLE WORKOUTS

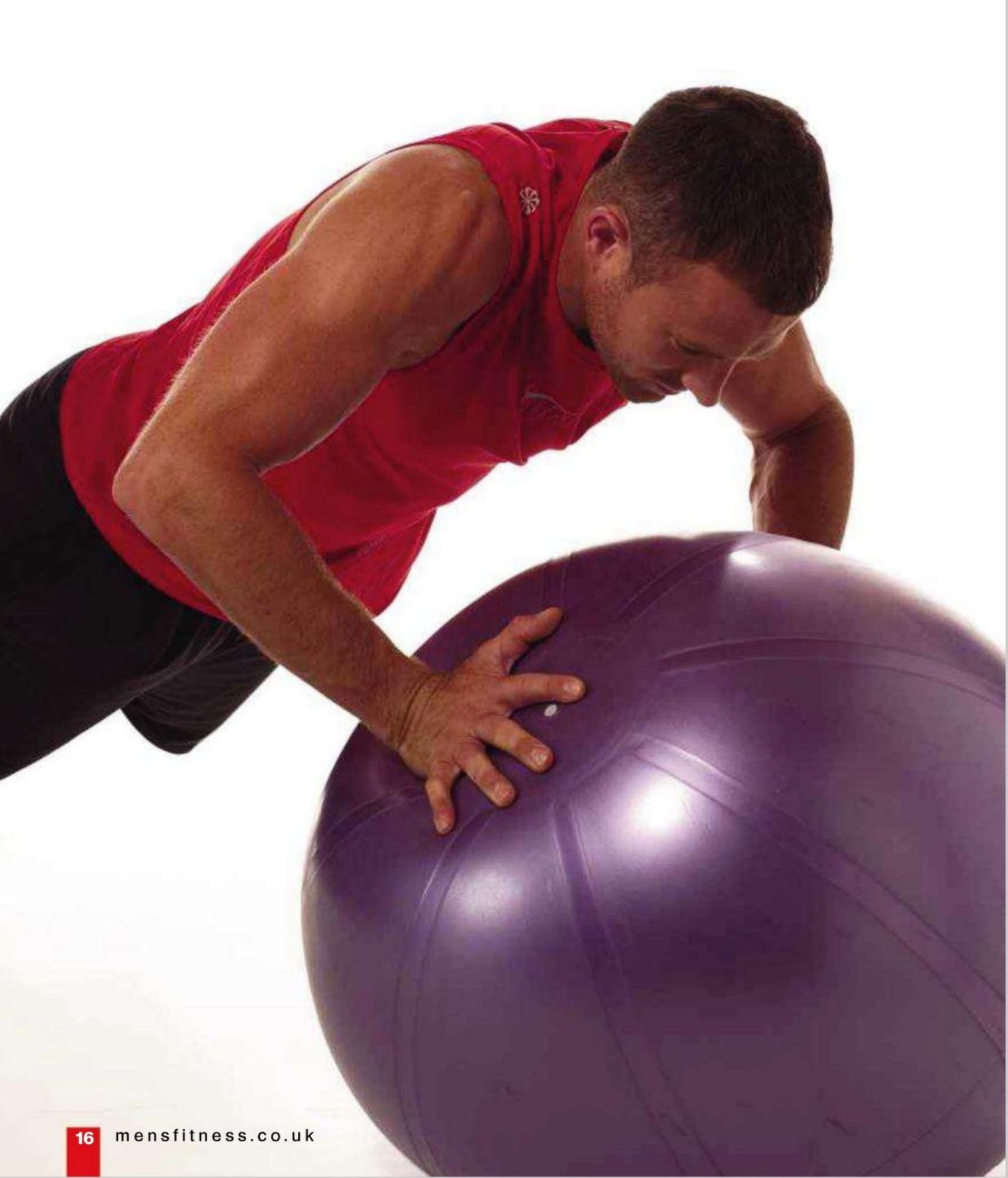
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Exercise	Sets	Reps	Page
Pull-up	3	8	52
Squat	3	10	101
Bench press	3	10	18
Lunge	2	10 each side	110
Shoulder press	3	10	120
Dumb-bell biceps curl	2	10 each side	62
Gym ball crunch	3	12	77
Plank	3	30-60 seconds	76

Body focus workout (shoulders)

Exercise	Sets	Reps	Page
Internal cable row	2	15 each side	128
External cable row	2	15 each side	129
Clean and press	3	8	59
Push press	3	10	121
Cuban press	3	12	127
Lateral raise	3	12	125





Chest & triceps

These muscle groups have been put together because they are frequently used in the same moves. Any press-up variation, for example, as well as bench presses, are powered by both your chest and triceps.

Chest

The main job of the chest muscles

– the pectorals or 'pecs' – is to push
your arms in front of you, although
they are also used when bringing your
arms down in front of you. There are
two main muscles in this group.

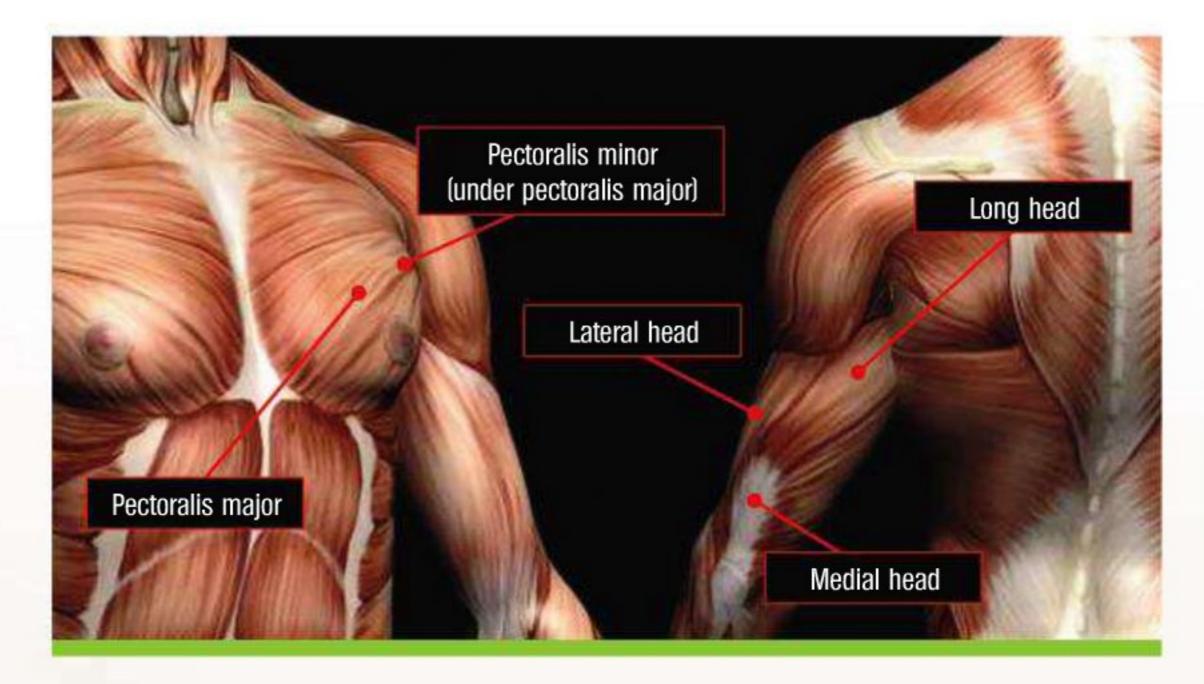
The pectoralis major is a large muscle that attaches to your collarbone, breastbone and ribs. Although it is a single muscle, most experienced weight trainers divide the chest into three portions: upper, middle and lower. Any chest exercise will work the entire muscle, but by varying the angle of attack – by doing incline or

decline bench presses, for example
it is possible to target the upper
or lower portions of the chest.

The pectoralis minor is a thin triangular muscle in the upper part of the chest near the shoulder and below the pectoralis major. Its function is to bring the shoulder forward, an important part of generating strength in big chest moves such as bench presses.

Triceps

The biceps may get most of the training attention but the triceps makes up two-thirds of your upper arm muscle mass. As its the name suggests, it's made up of three 'heads' – lateral, long and medial. The lateral and medial heads of the triceps are involved in straightening your arm, while the long head is engaged when you draw your arms down in front of you.





This is *the* classic chest-building move and a standard test of upper-body strength. It is also a great all-over mass-builder because it requires a large number of muscle fibres to perform, which triggers the body's natural growth hormone response.





LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT



EXPLOSIVE



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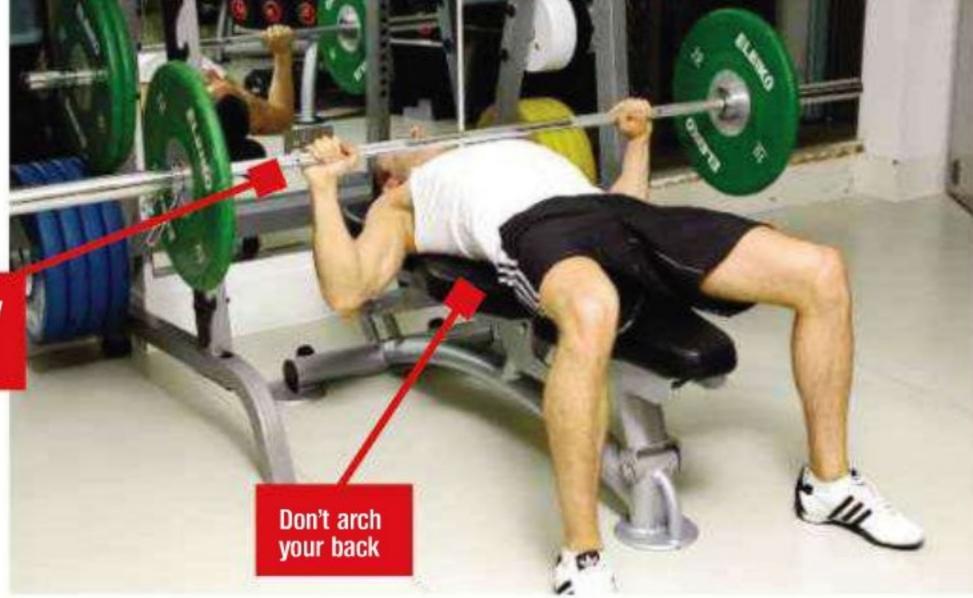


Bar held directly over chest

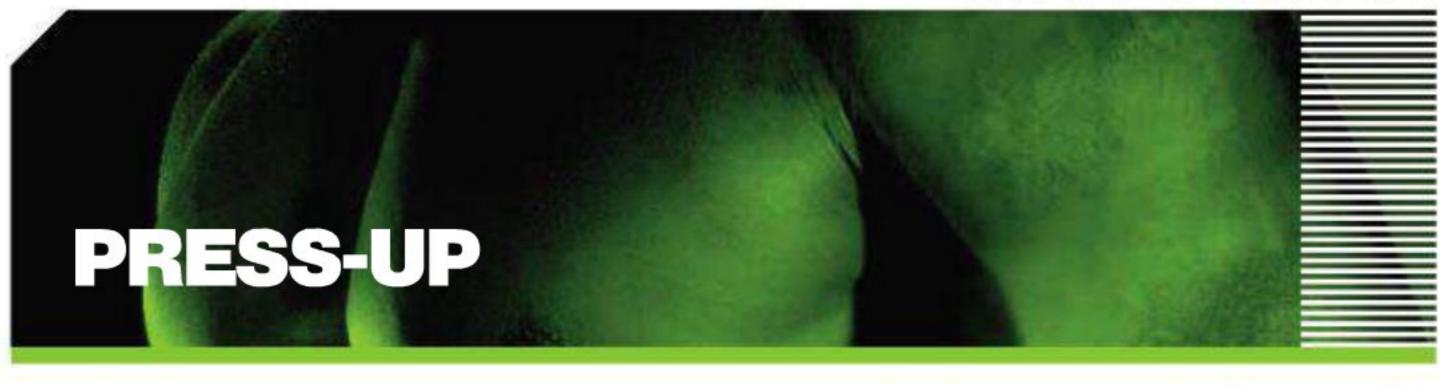
Hands just outside shoulder-width apart with wrists straight

Core braced with only a slight gap between your lower back and the bench

Feet flat on the floor

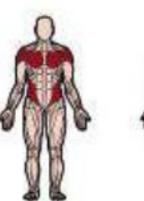


Lower the bar slowly to your chest and press up powerfully

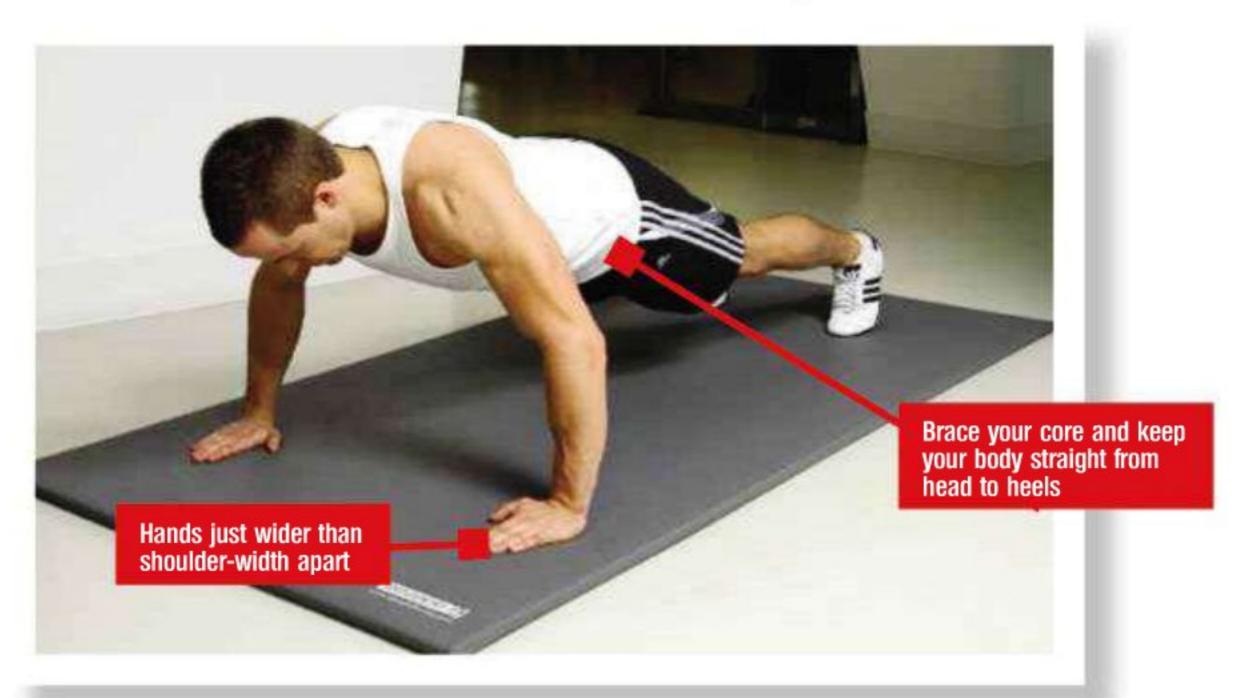


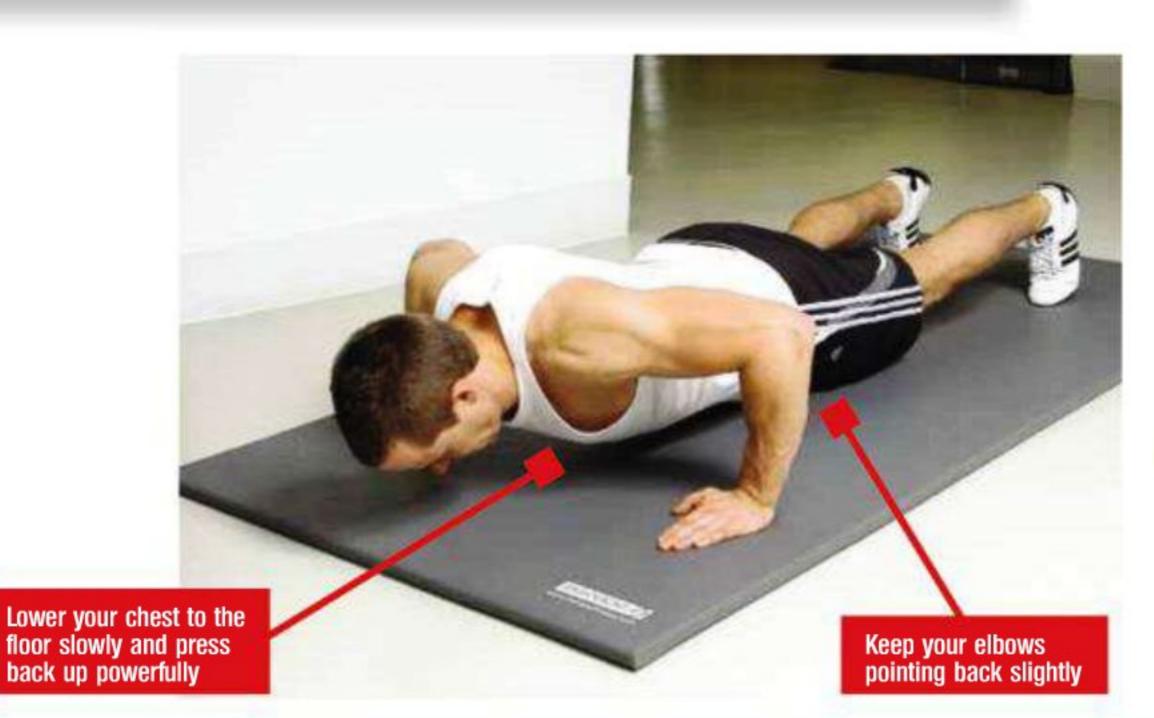
02

The equivalent of a bodyweight bench press. Because you control your own weight, the press-up has more real-world usefulness than the bench press but is less effective at building mass because it is hard to vary the resistance. Use it to build endurance and strengthen shoulder stabilisers.











CABLE CROSSOVER

03

By using a cable machine, you keep the tension on your muscles constant throughout the move. Your midriff will also get a workout keeping your torso stable against the cables' resistance.



Control the movement

back to the start



LIGHT WEIGHTS



GO HEAVY



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ISOLATION



STABILISER



FORM ALERT

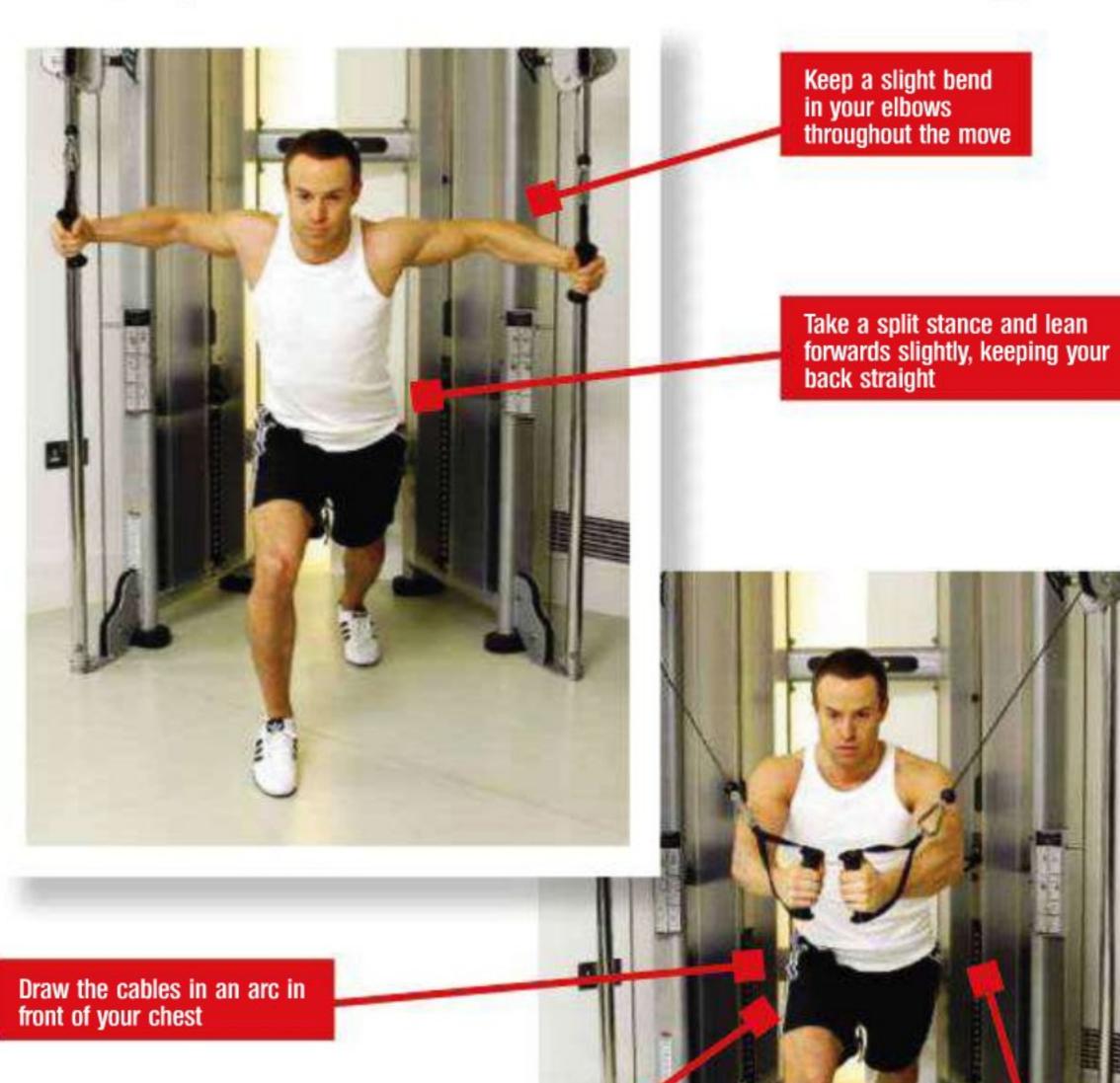


EXPLOSIVE



CORE





Brace your core to maintain

your body position

DUMB-BELL PULLOVER

Target your chest from a new angle by pulling the weight over your head. This targets the lower portion of your pectorals and also works your lats - the 'wings' down the sides of your back.

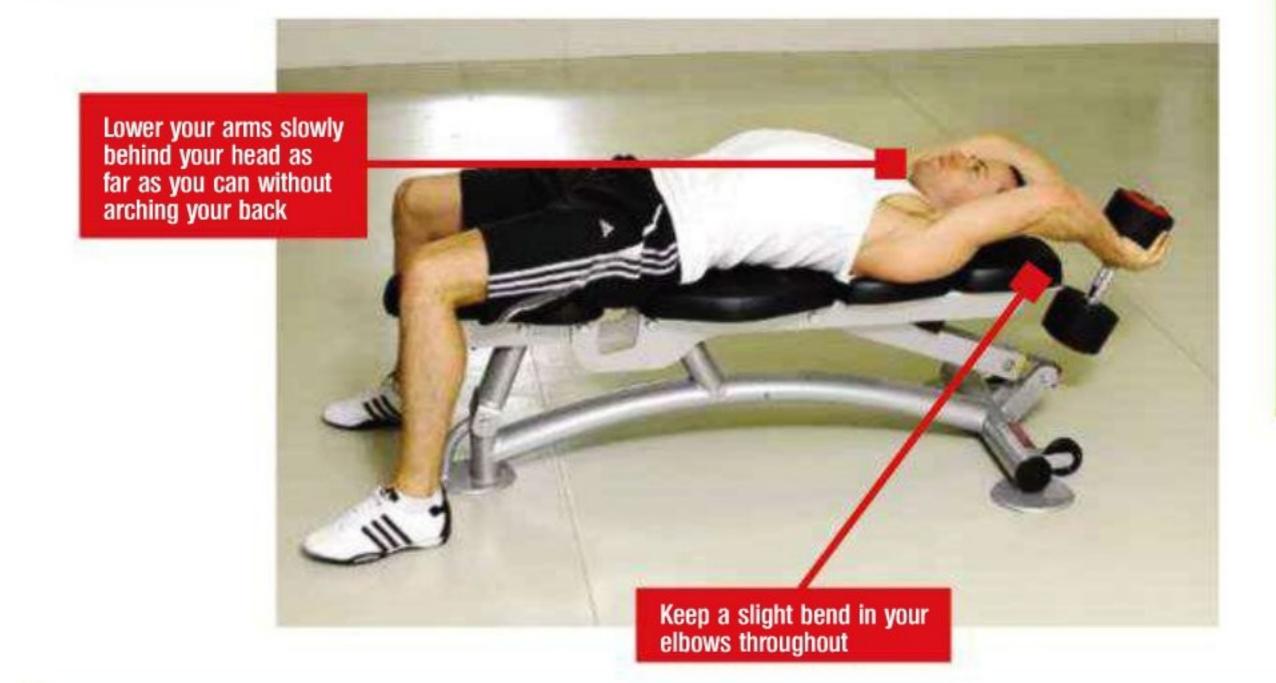






Grasp a dumb-bell in both hands above your head

Head and shoulders supported by bench, and feet on the floor







COMPOUND









EXPLOSIVE



CORE



DUMB-BELL BENCH PRESS

05

Dumb-bells have certain advantages over the barbell. You get a more natural range of motion, which means less stress on delicate shoulder joints, and each arm works independently so you get more even growth. The downside is that you won't be able to shift as much weight as with a barbell.





LIGHT WEIGHTS



GO HEAVY



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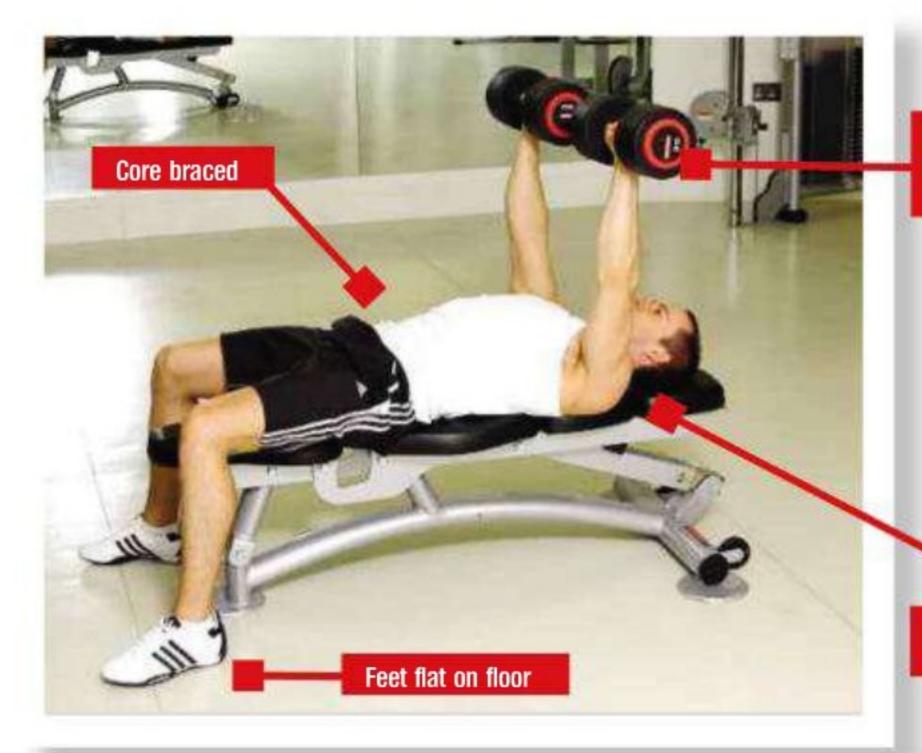


EXPLOSIVE



CORE

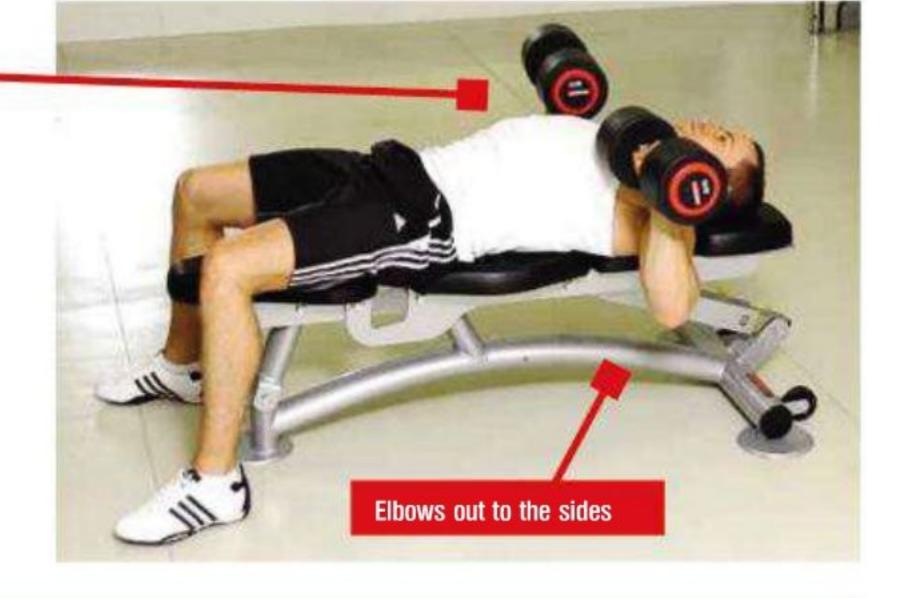




Hold dumb-bells above your chest with straight wrists

Head and shoulders supported

Lower the weights slowly to chest level and then press back up powerfully



PASSING MEDICINE BALL PRESS-UP



For greater functional strength and improved sporting performance, this exercise forces your muscles cope with awkward angles, unstable surfaces and coordinated movements. Perform it quickly without compromising good form.

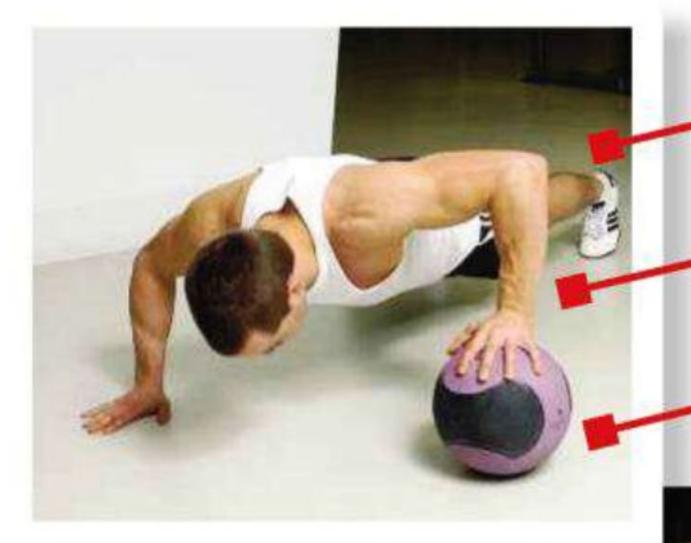




LIGHT WEIGHTS

GO HEAVY

COMPOUND



Feet apart for stability

Maintain a straight body from head to heels

Place one hand on a medicine ball

Perform a press-up and, as you rise up, roll the ball over to the other hand



ISOLATION

STABILISER



FORM ALERT



EXPLOSIVE



CORE



Roll the ball back and forth with each press-up



Set the bench at an angle to shift the emphasis to the upper portion of your pectorals.





LIGHT WEIGHTS



GO HEAVY



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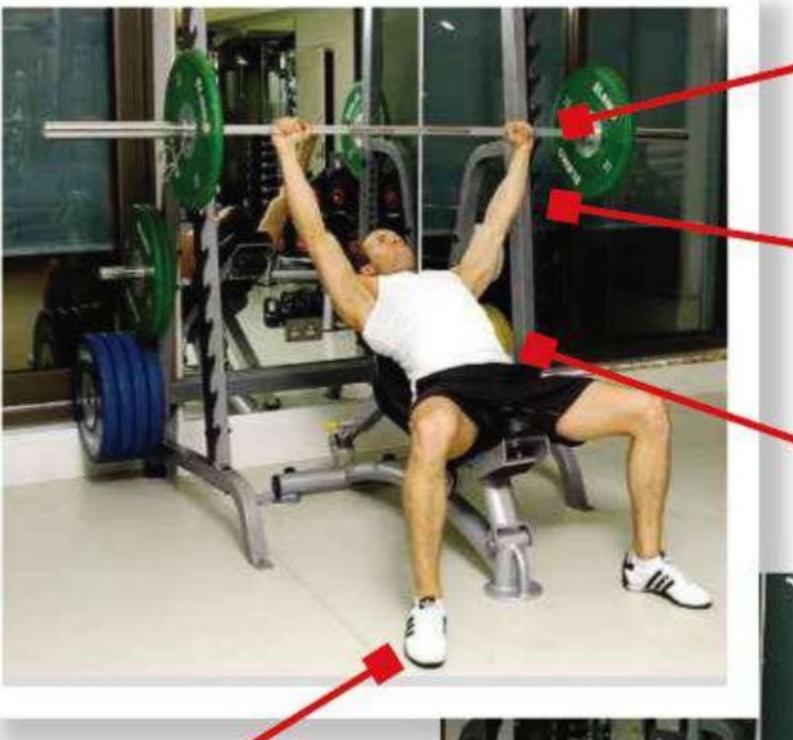


EXPLOSIVE



CORE





Hold the bar directly above your chest

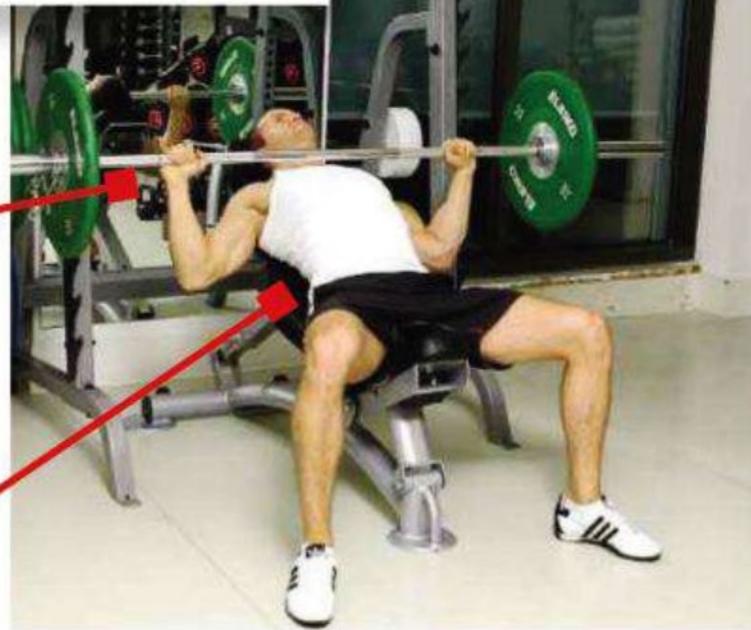
Hands just wider than shoulder-width apart

Set the bench at a 30°-45° angle

Feet flat on the floor

Lower the bar slowly to your chest and press back up powerfully

Keep your core braced throughout and don't arch your back



DUMB-BELL FLYE

This exercise takes your triceps out of the equation, placing most of the impact on your chest muscles. The movement puts a fair amount of stress on your shoulders, so start with a light weight and build up slowly.





Hold dumb-bells above your chest with palms facing inwards

Head and shoulders supported by bench

Brace your core



GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT



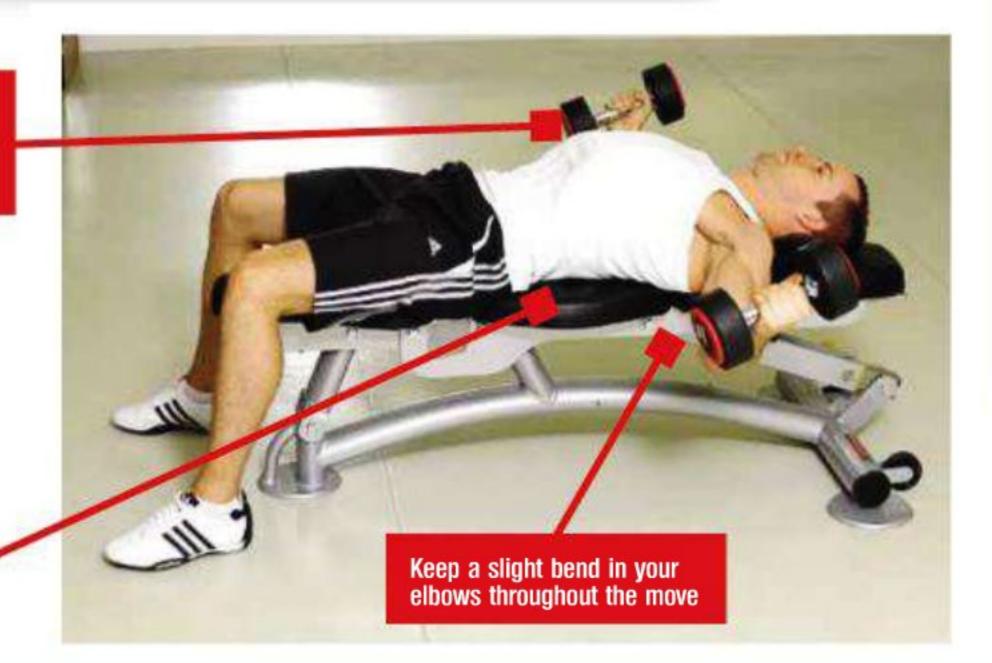
EXPLOSIVE



CORE



Lower your arms slowly to the sides in an arc as far as is comfortable



Don't arch your back

DECLINE BENCH PRESS



Adjust your bench so your head is pointing down and you'll work the lower part of your chest muscles.





LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT

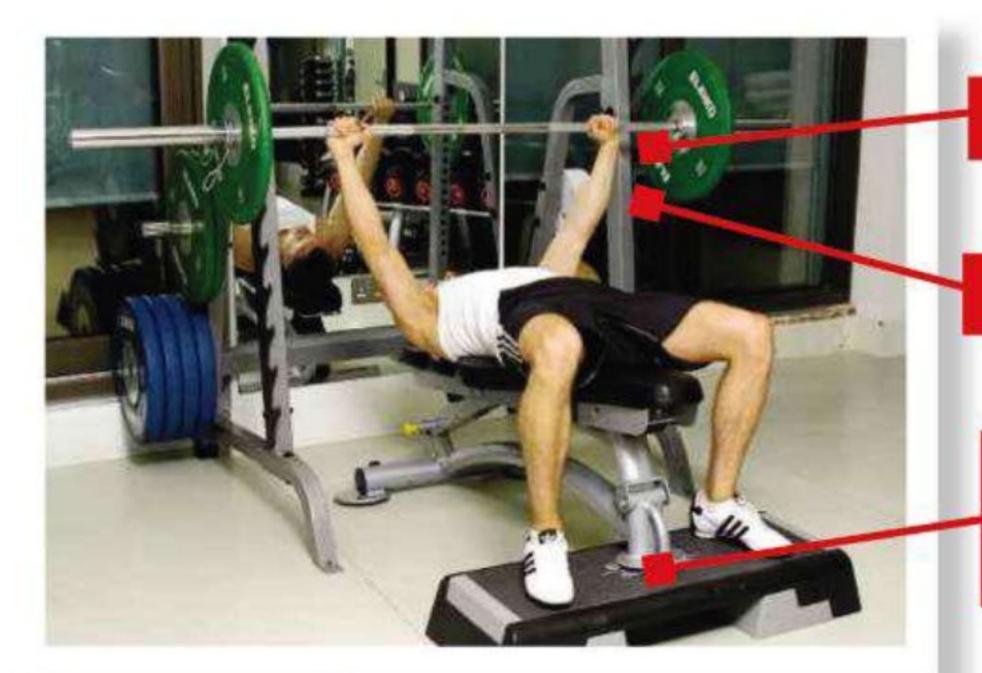


EXPLOSIVE



COR





Hold the bar directly above your chest

Hands just wider than shoulder-width apart

If you don't have a special decline bench, raise the end of a flat bench on a low platform



GYM BALL PRESS-UP

Lower your chest slowly to the ball and press

Try to control the wobble of the ball as

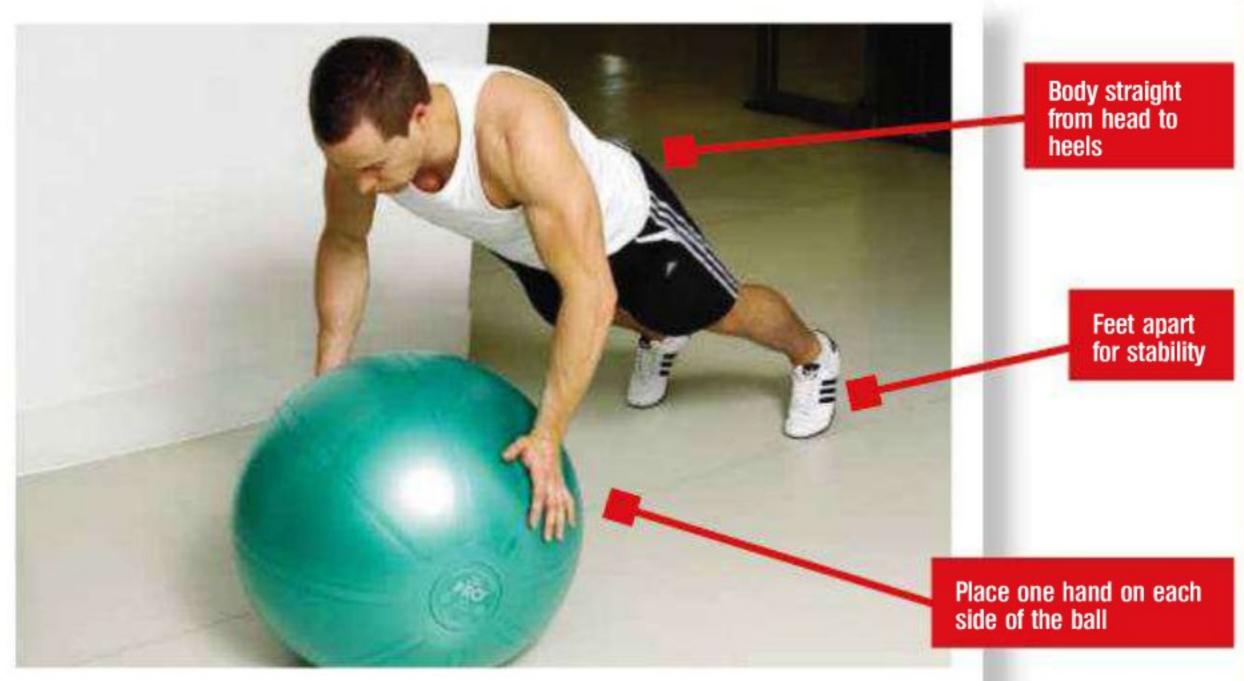
you move

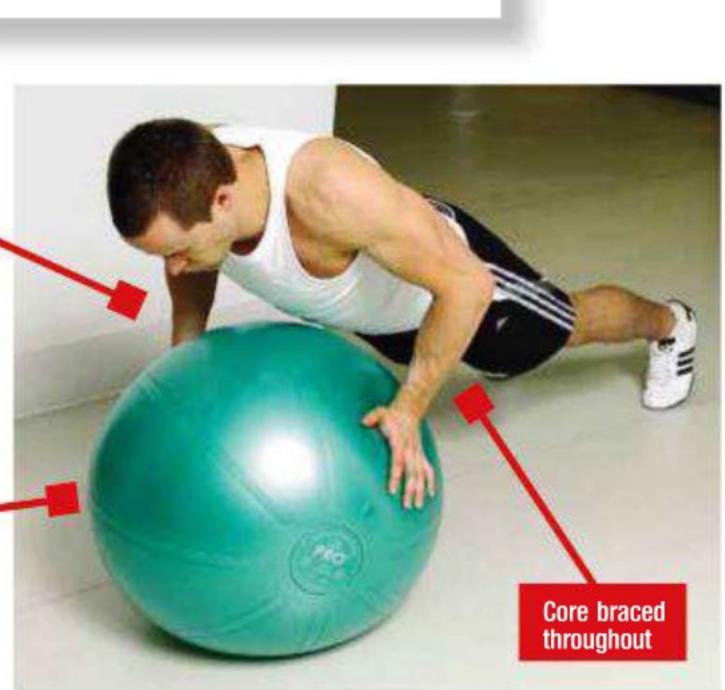
back up

Keeping the ball steady while you lower and raise your body requires excellent muscle control. Use this move to stimulate underused muscles that will, at a later date, help to improve your bench press.















COMPOUND



ISOLATION



STABILISER



FORM ALERT



EXPLOSIVE



CORE





Add a dynamic rotational element to the plain old press-up to turn it into a fattorching power move. The trick is to make the exercise fast and fluid, using your core muscles to control the movement.





LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



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FORM ALERT



EXPLOSIVE



CORE

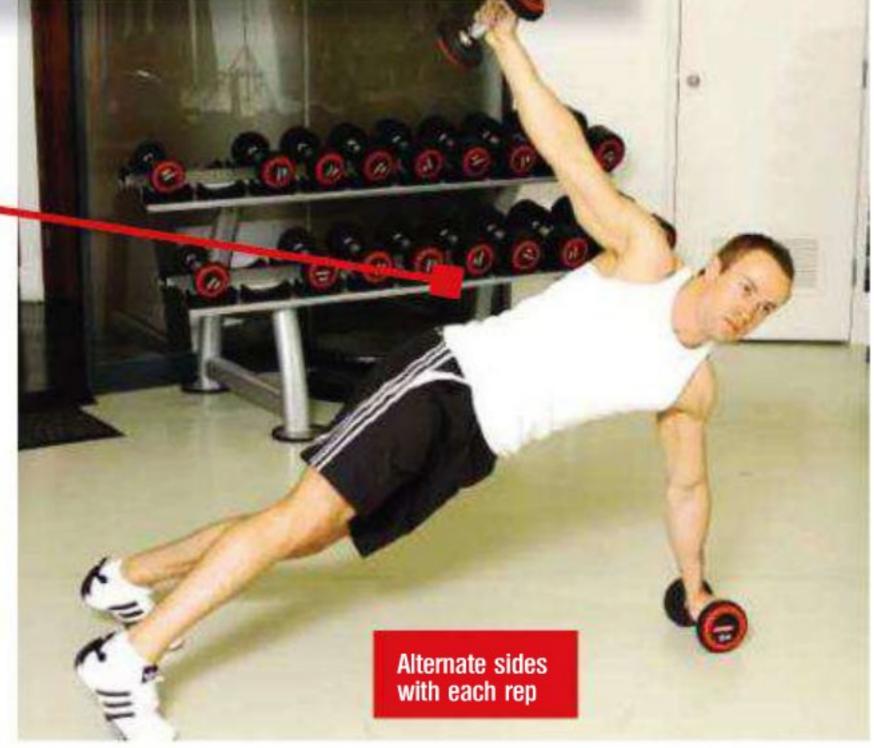




Body straight from head to heels

Hold light dumb-bells with straight wrists

Press up and rotate your body to the side, lifting your arm

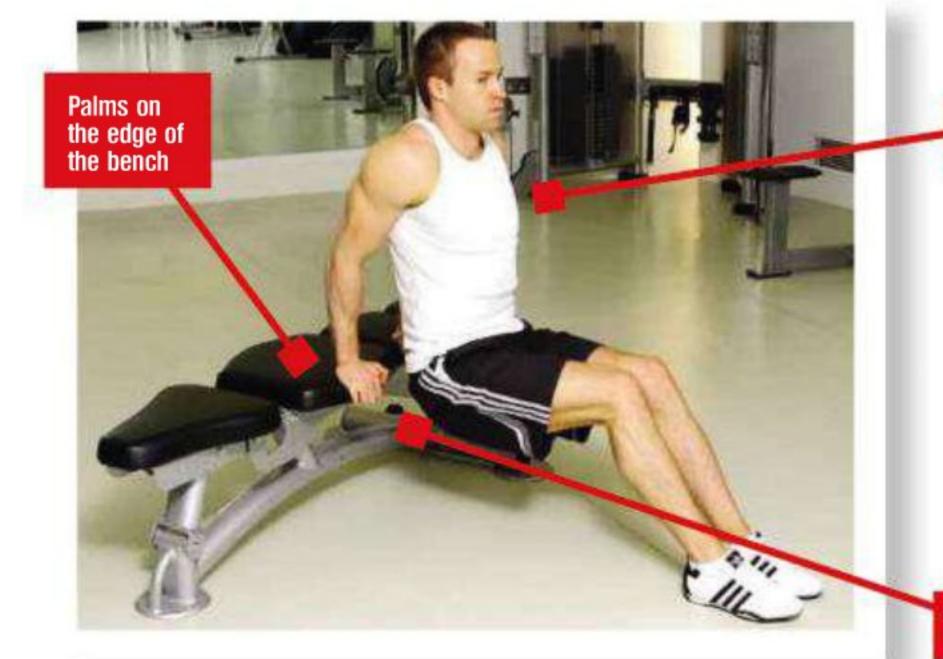


BENCH DIP

A simple, effective way to work your triceps, the bench dip is a good starting point before you move on to parallel bar dips (see p34). The position it places your shoulders in can put strain on your shoulder joint, so take care if you have existing shoulder problems and build up your range of motion slowly.





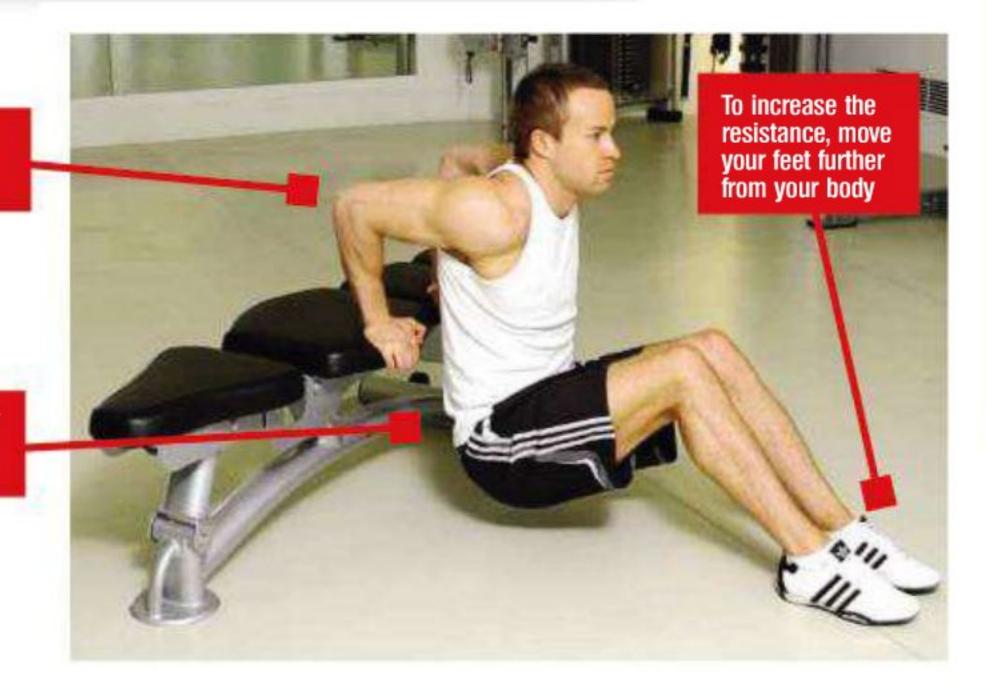


Keep your torso upright

Back close to the bench



Lower your body as far as is comfortable







GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT



EXPLOSIVE



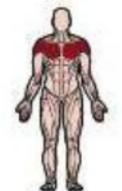
CORE



CLOSE-GRIP BENCH PRESS

13

By moving your hands closer together on the bar, you transfer the emphasis from your chest to your triceps. The close grip also makes the bar more difficult to control, so use a lighter weight than you would on a conventional bench press until you are confident of increasing it.





LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



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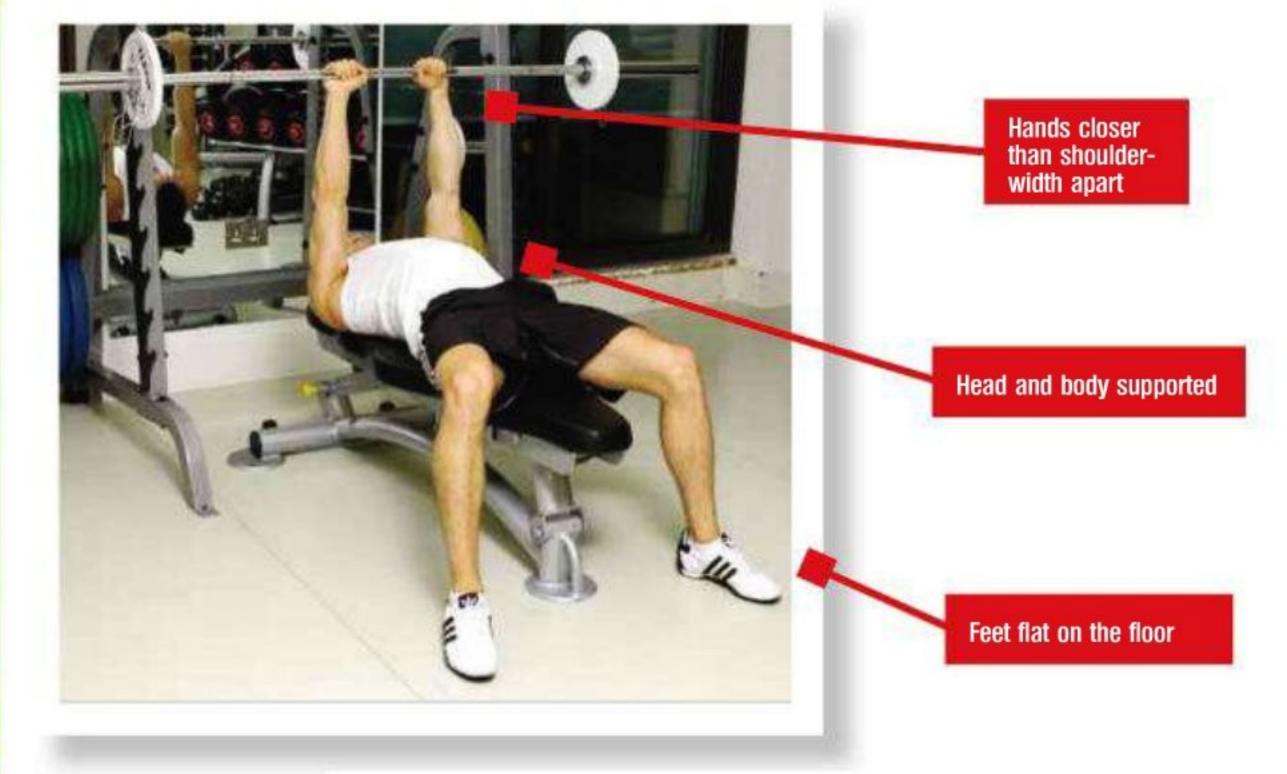


EXPLOSIVE

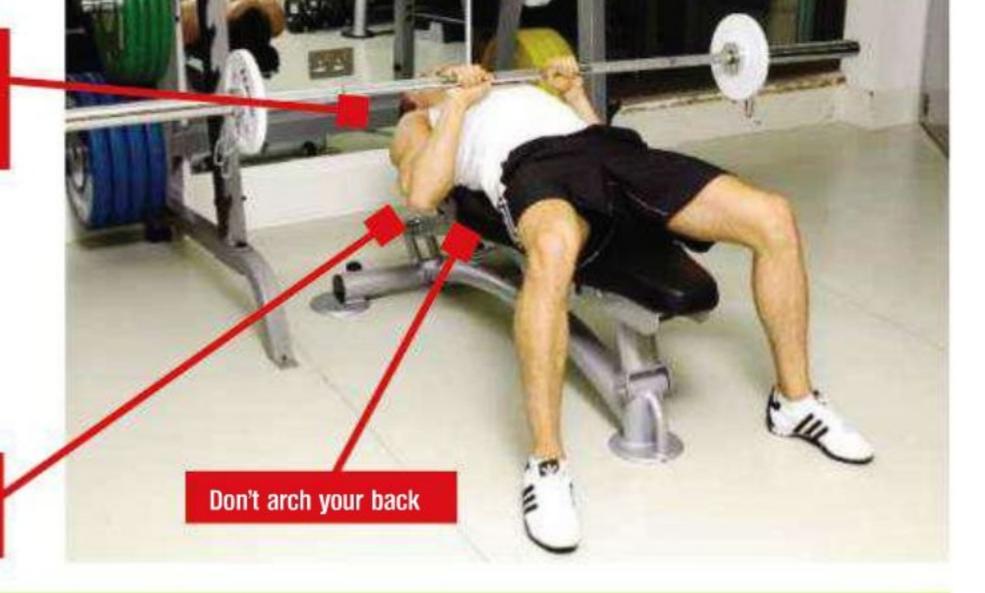


COR





Lower the bar slowly to your chest and press back up powerfully



Elbows close to your sides

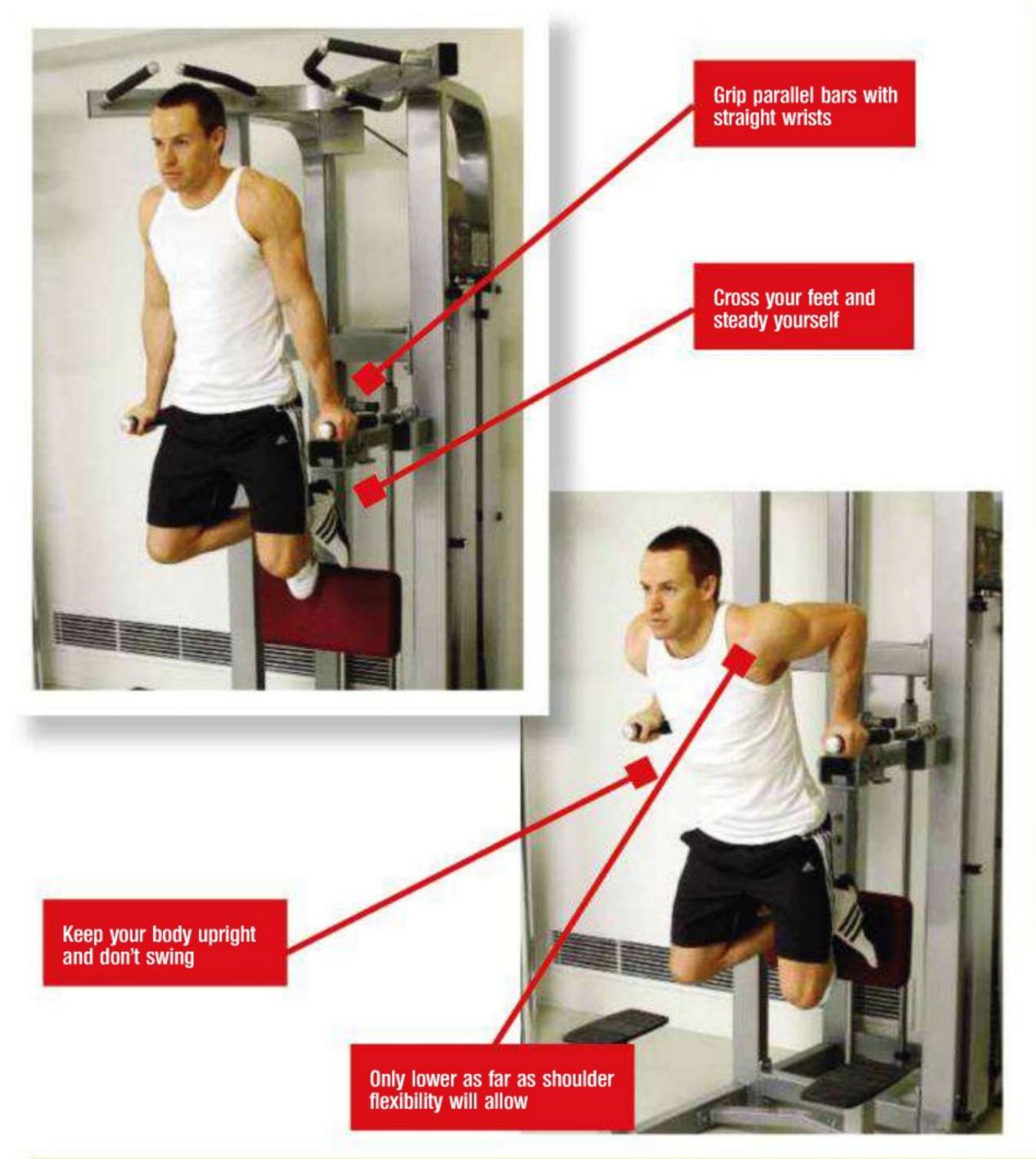


The dip should be utilised by anyone looking to add solid mass to their triceps. Once you can manage ten to 15 dips with perfect form, you can increase the resistance by hanging weight plates from a belt. Be careful if you have shoulder problems, however, because this move can exacerbate them.





LIGHT WEIGHTS





ROPE PRESS-DOWN

By turning your wrists out at the bottom of the move you get an intense contraction on the triceps. You may find you have to use lighter weights as a result.







COMPOUND



ISOLATION



STABILISER



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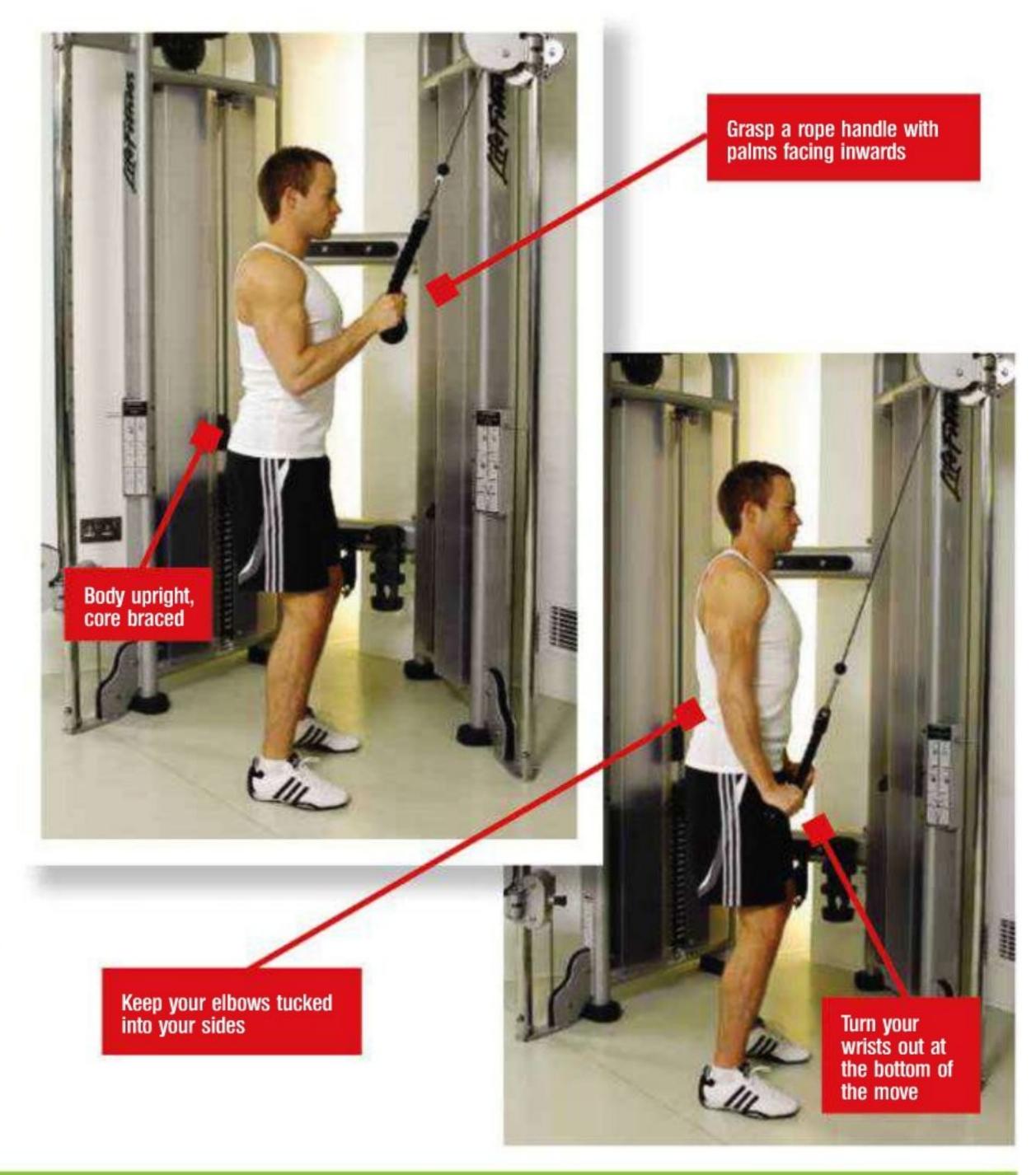


EXPLOSIVE



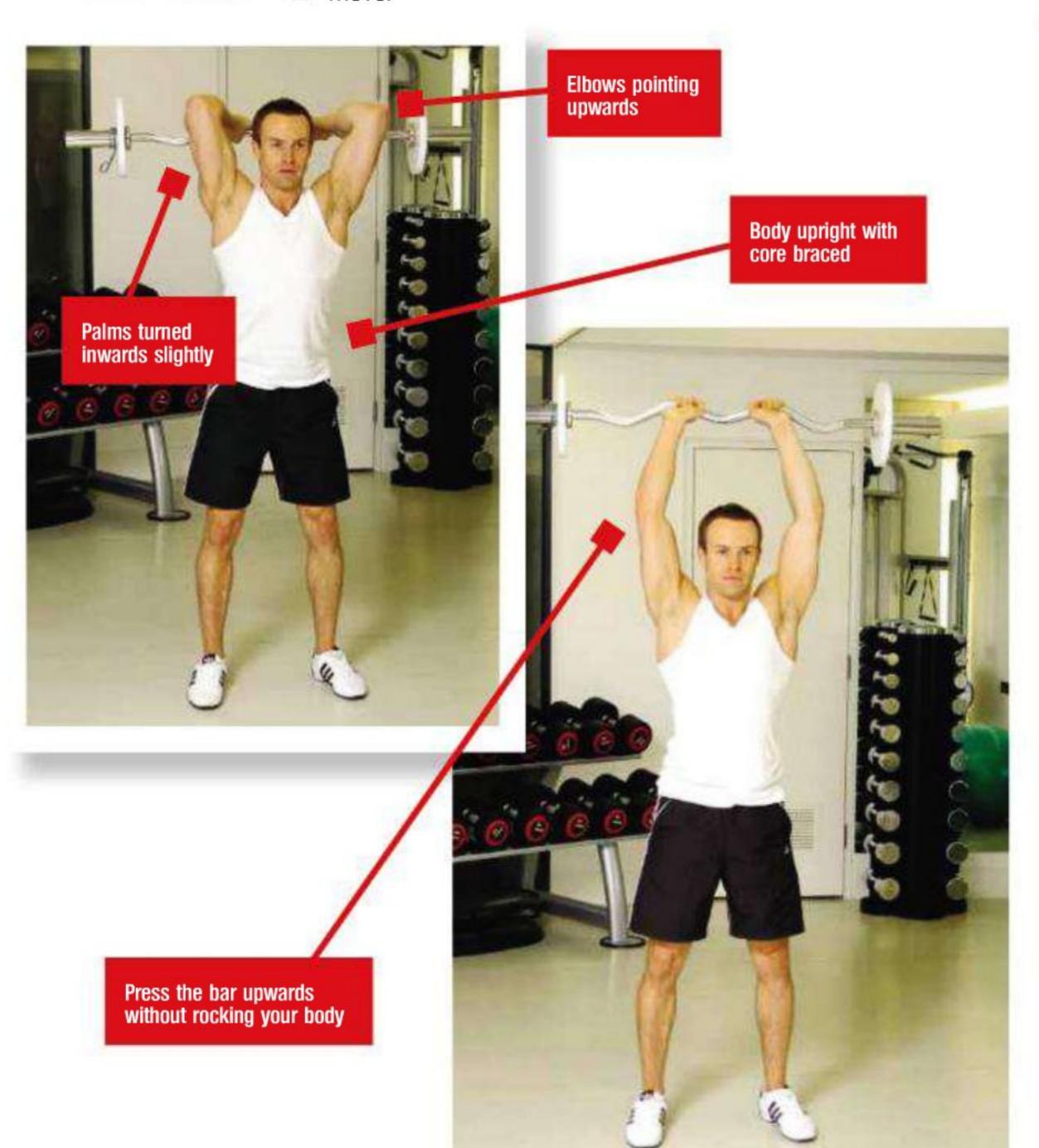
CORE





EZ-BAR OVERHEAD TRICEPS EXTENSION

Stand up, load up and target your triceps with a heavyweight move.











COMPOUND



ISOLATION



STABILISER



FORM ALERT



EXPLOSIVE



CORE





A good exercise for show-offs! If you can crank out 12 reps of these, then you can consider yourself officially strong. The explosive nature of the move fires up your fast-twitch muscle fibres – the ones that have the most potential for growth.





LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



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FORM ALERT

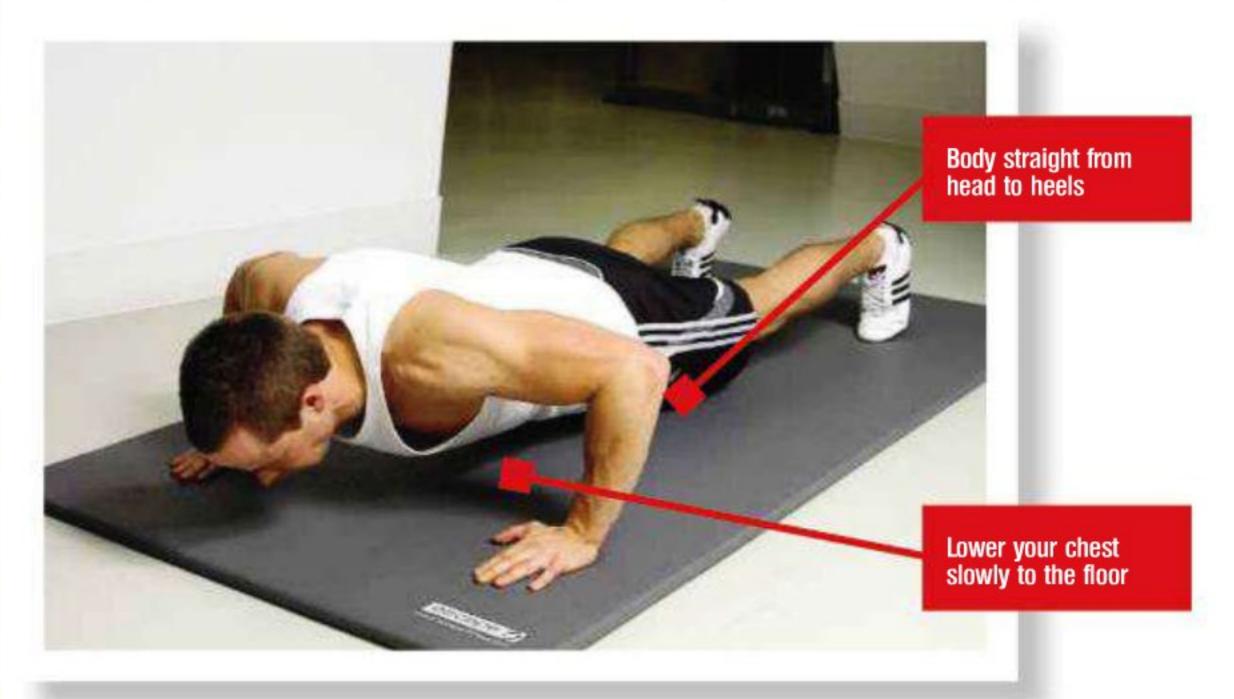


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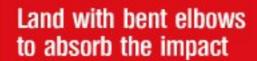


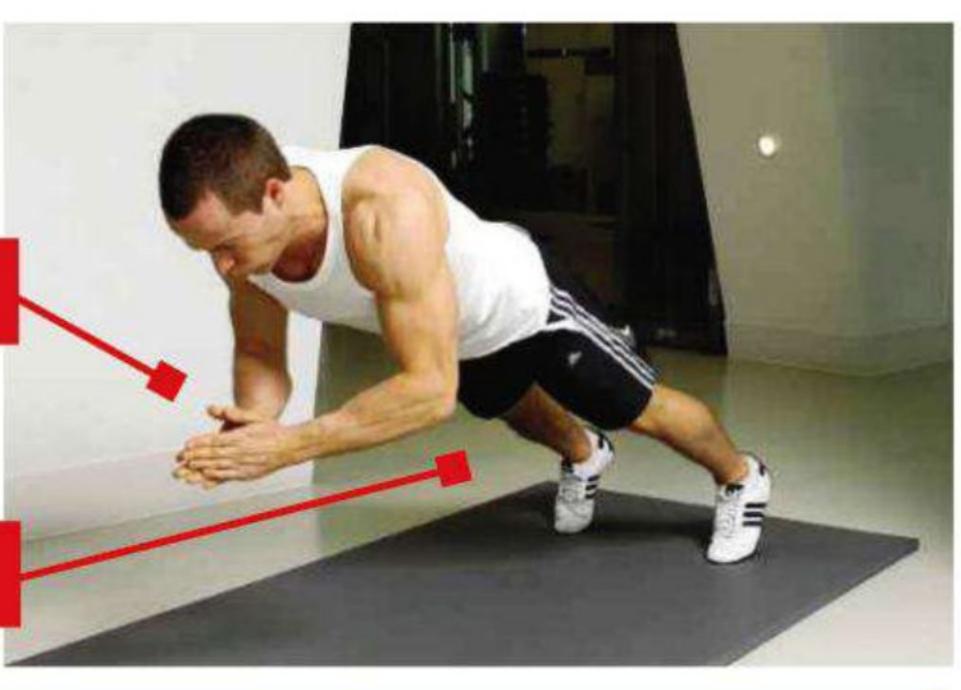
CORE





Push up powerfully so that your hands leave the floor – and clap!



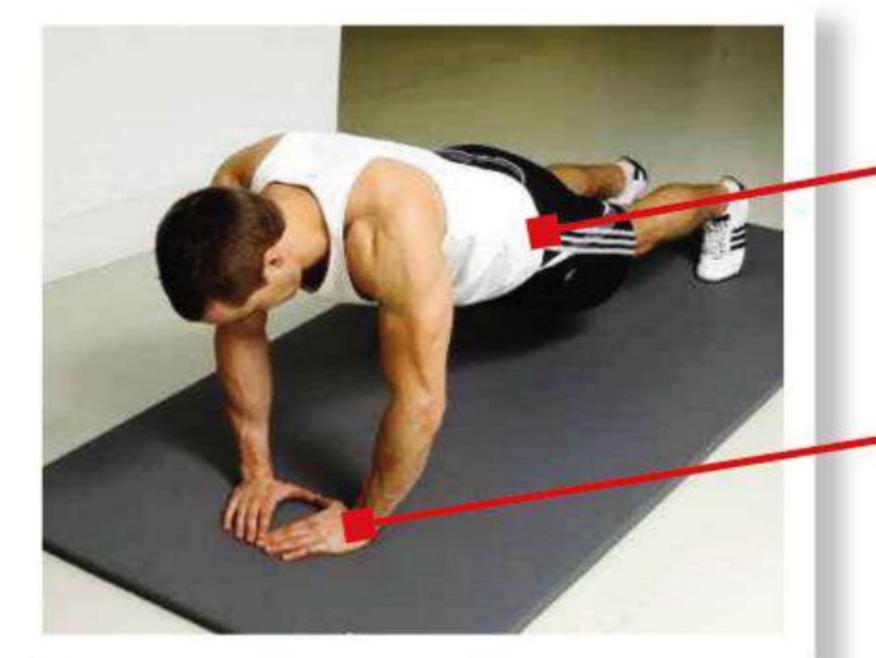


DIAMOND PRESS-UP

Placing your hands close together for a press-up puts more pressure on your triceps and less on your chest. Keep the movement slow and controlled to teach your triceps to control your bodyweight.







Body straight from head to heels

Touch your thumbs and forefingers together to form a diamond shape





COMPOUND



ISOLATION



STABILISER



FORM ALERT

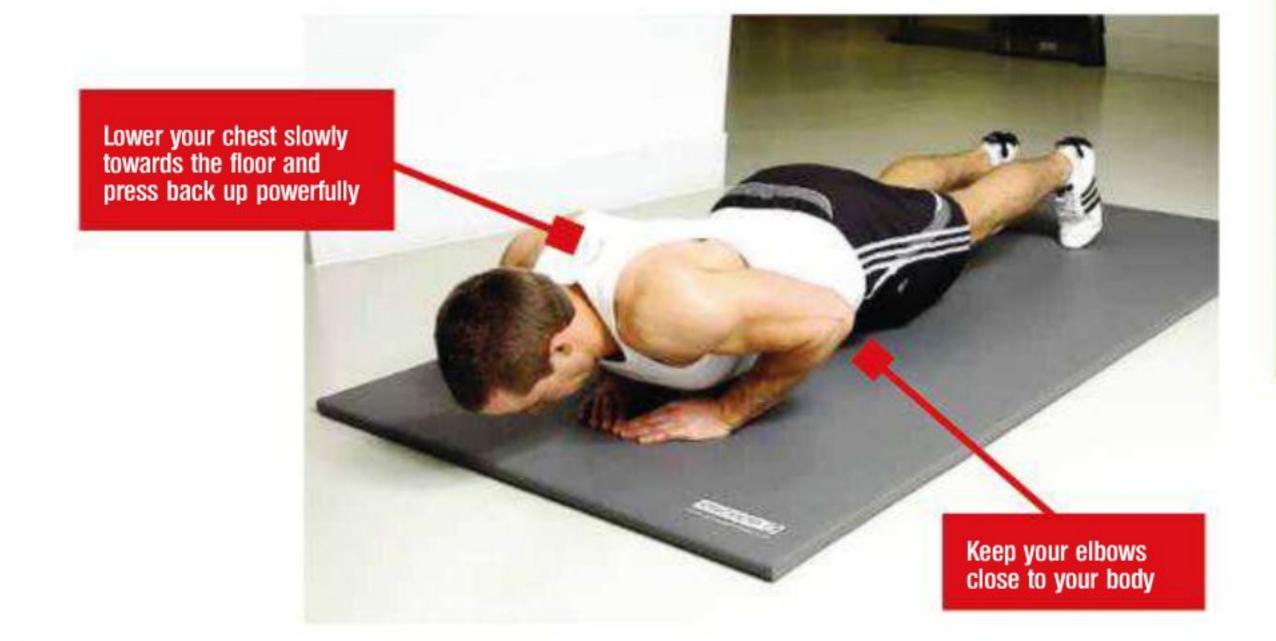


EXPLOSIVE



CORE





MEDICINE BALL CLOSE-GRIP PRESS-UP

The medicine ball introduces a wobbly surface to the press-up, making the stabilising muscles in your shoulders and core work overtime.





LIGHT WEIGHTS

GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT

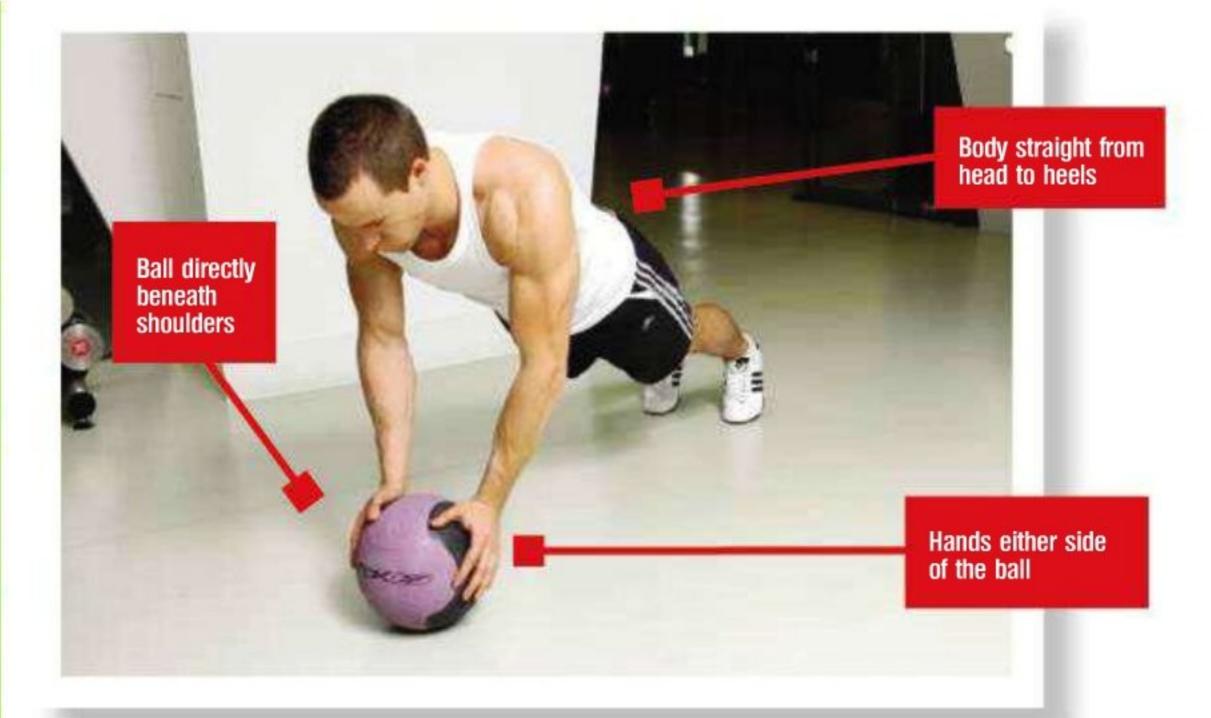


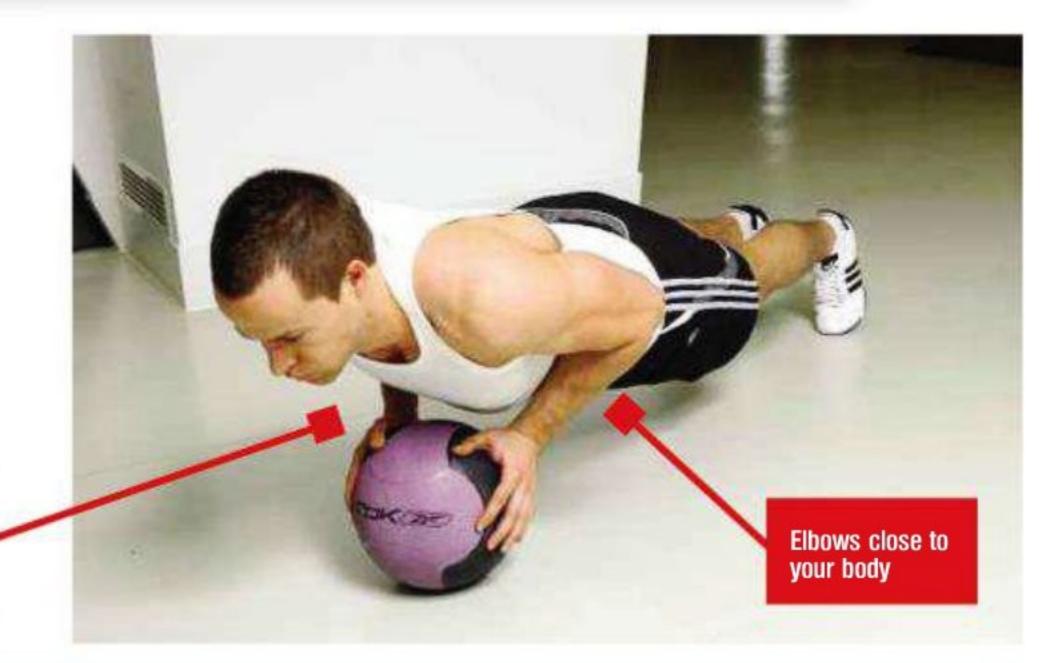
EXPLOSIVE



COR

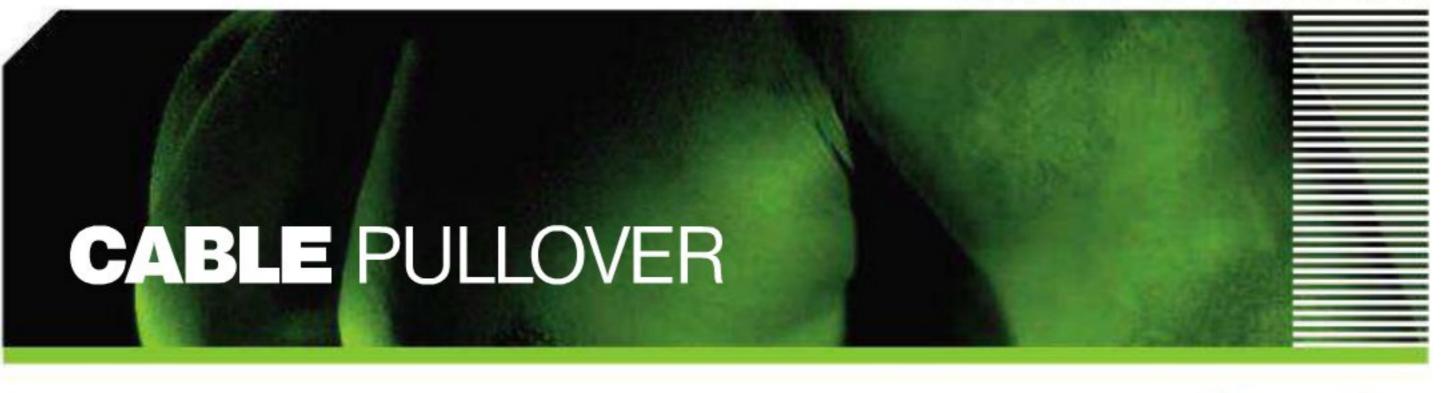




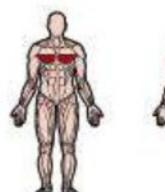


Lower your chest slowly to the ball

CHEST & TRICEPS

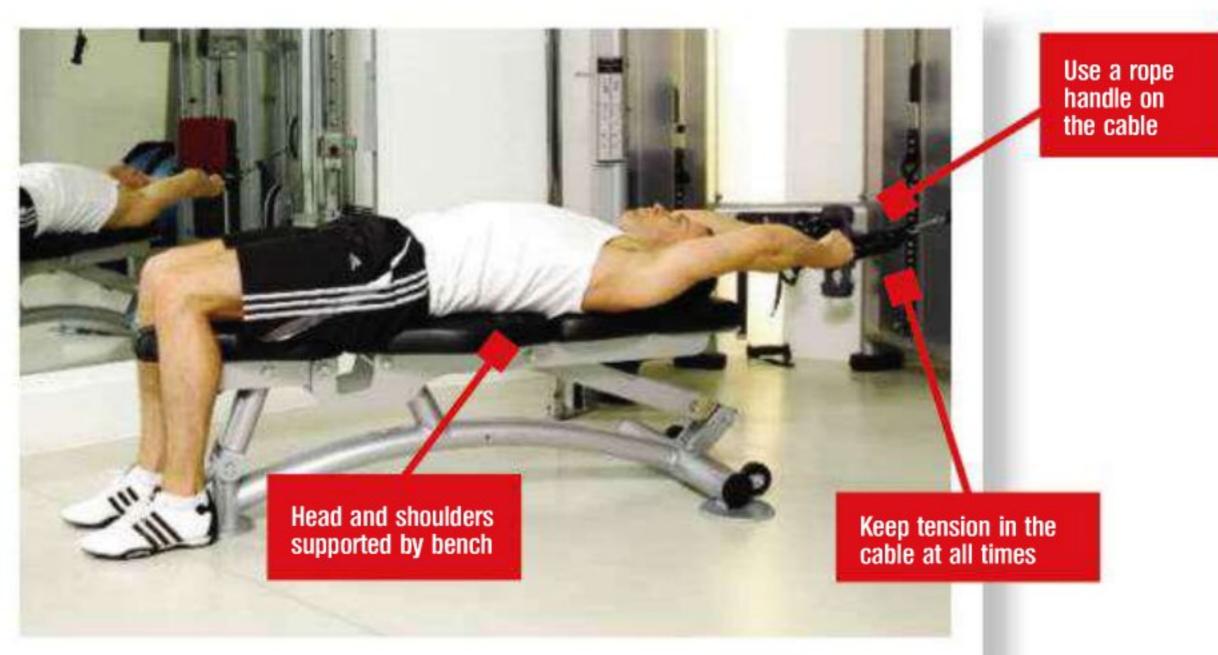


By using a cable instead of a dumb-bell for the pullover, you can keep the resistance on your muscles constant throughout the move, whereas with the dumb-bell the resistance drops off as you raise your arms.

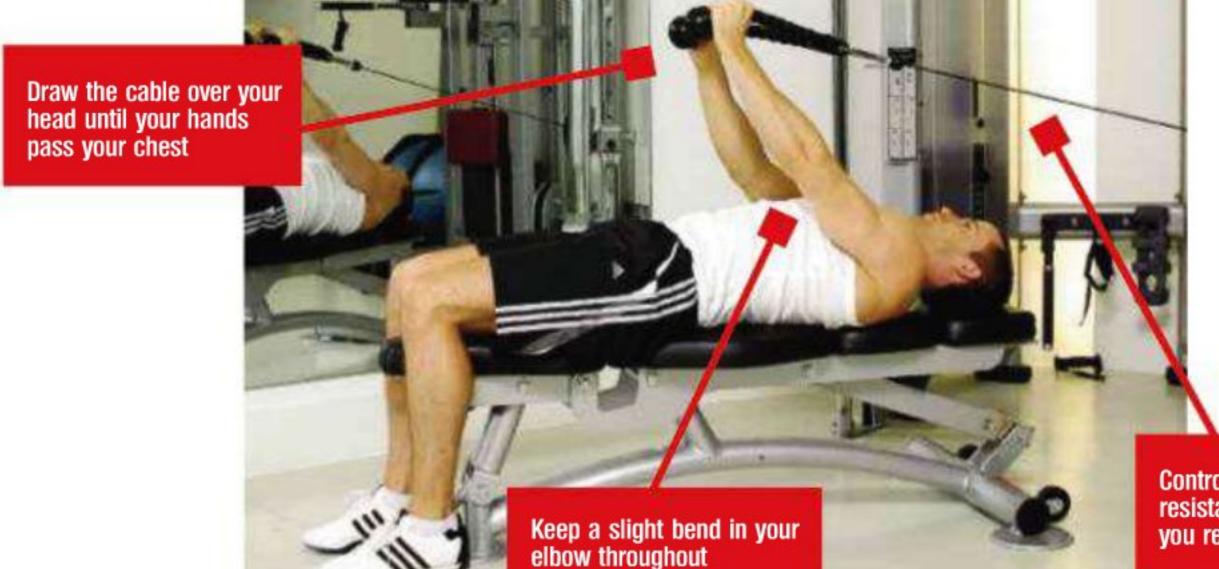




LIGHT WEIGHTS







Control the resistance as you return

SEATED ONE-ARM OVERHEAD TRICEPS EXTENSION

The toughest part of this move is just as you begin to raise the weight, which is why it's a good exercise to partner with the dumb-bell kickback (see p33) where the hardest part is when the arm is at full extension.



LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



STABILISER



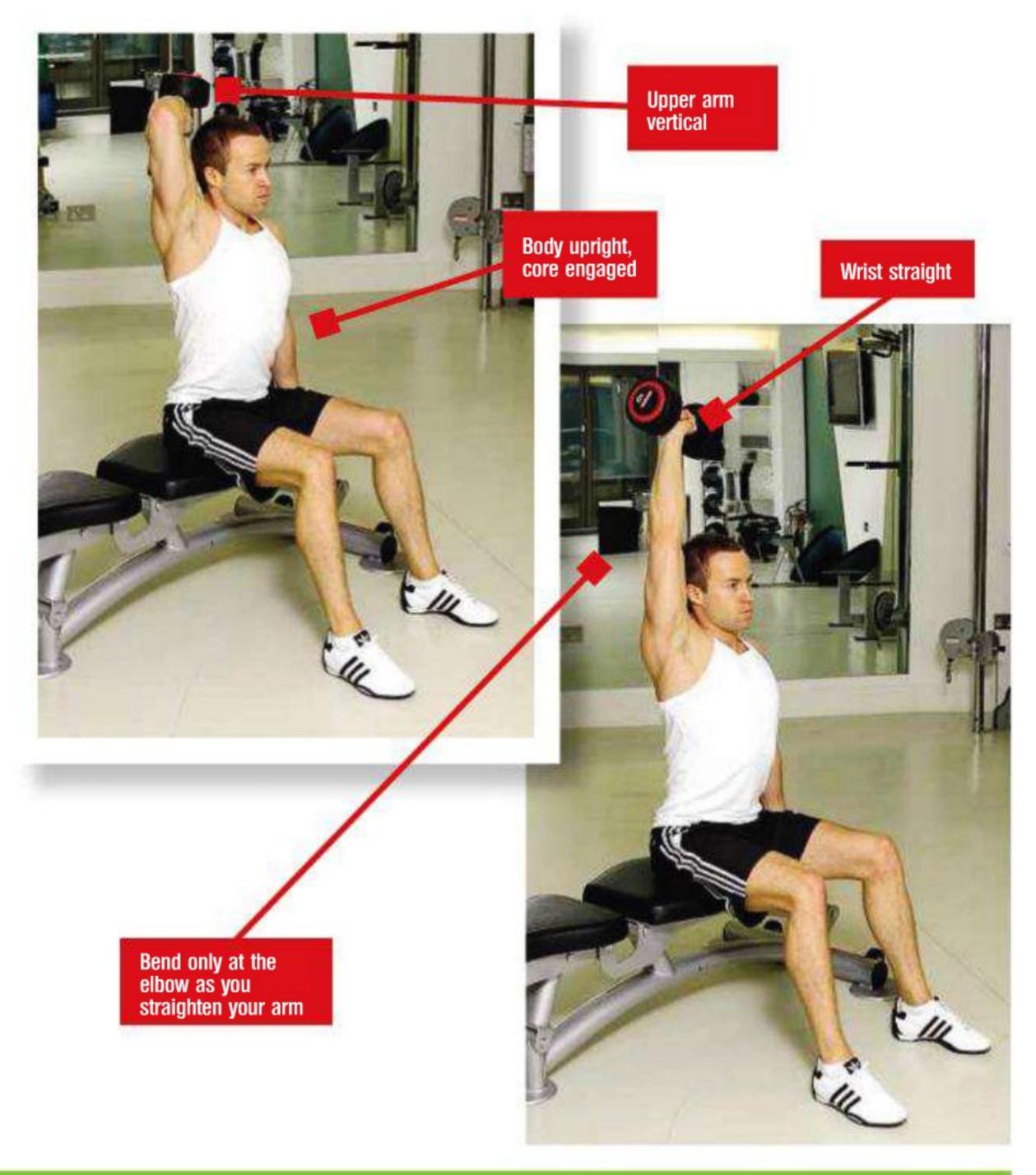
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EXPLOSIVE







CHEST & TRICEPS

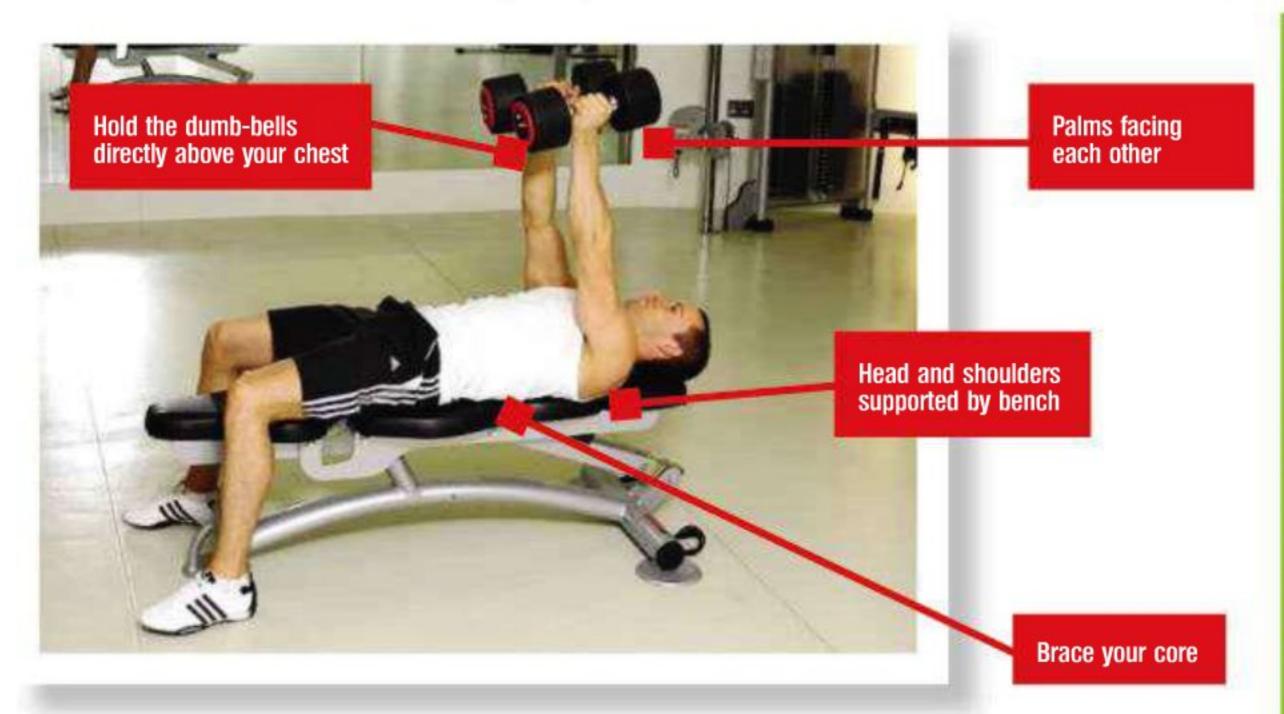
NEUTRAL-GRIP DUMB-BELL PRESS

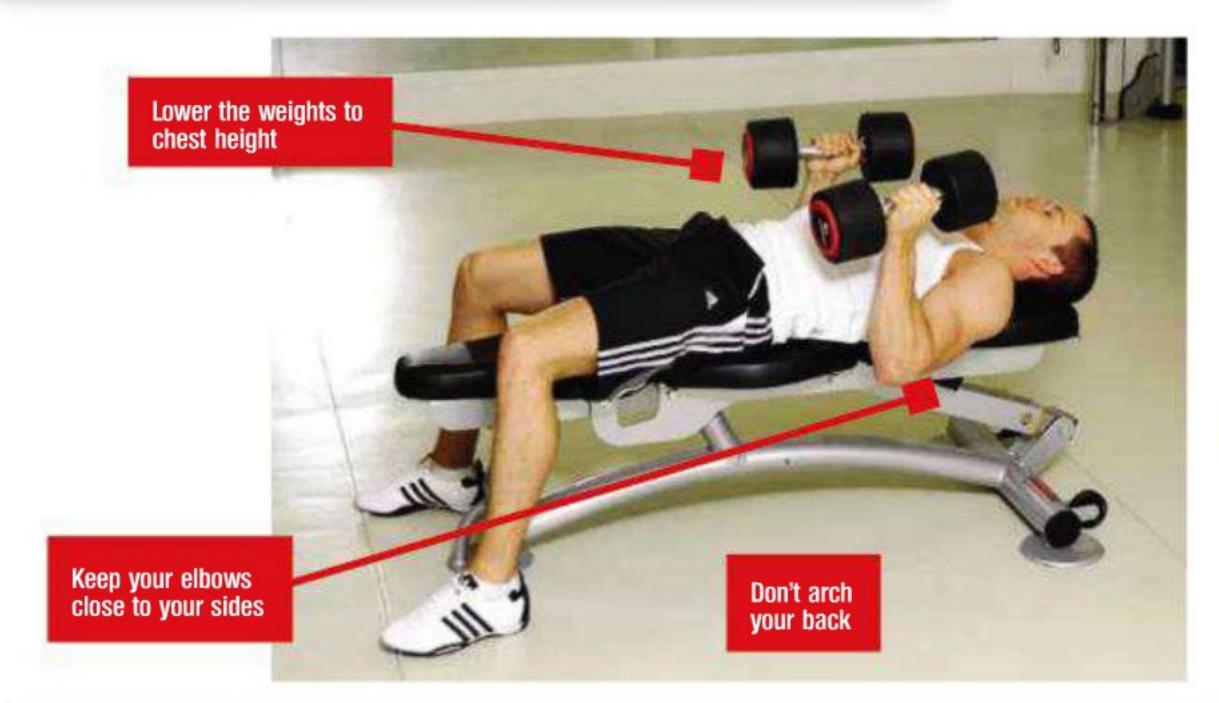
Perform the press with palms facing each other to transfer some of the emphasis away from your chest and onto your triceps. It will also have a different training effect on your shoulders, helping to strengthen your rotator cuff.





LIGHT WEIGHTS





















EXPLOSIVE



CORE



EZ-BAR LYING TRICEPS EXTENSION

23

The EZ-bar allows you to press heavier weights than you could with dumb-bells, while holding your wrists at an angle that is less stressful than the angle when holding a straight barbell.



LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT



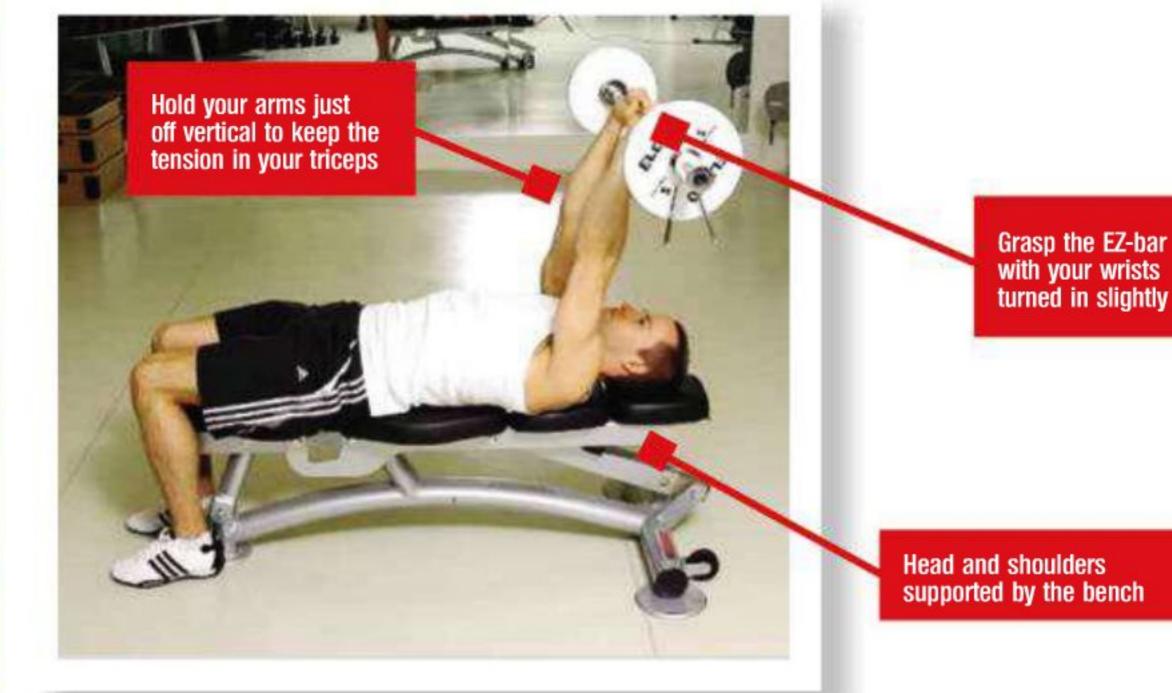
EXPLOSIVE

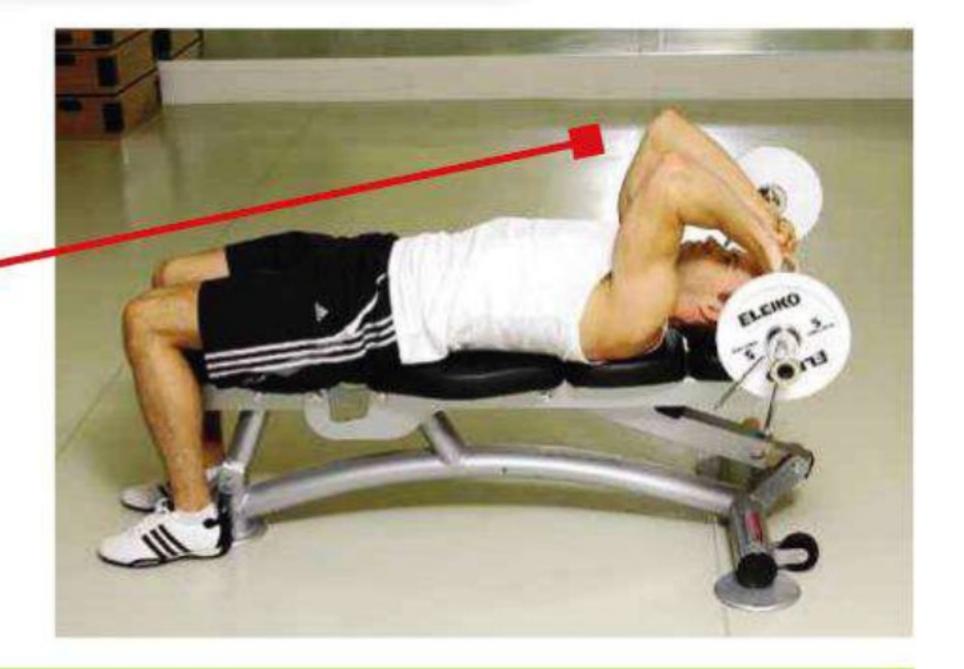


CORE



Bend only at the elbows, keeping your upper arms still







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Back & biceps

We've paired these two muscle groups because they're often used together during the same exercise. When you do a reverse-grip bent-over row, for example, both your back and biceps are working hard to move the weight.

Back

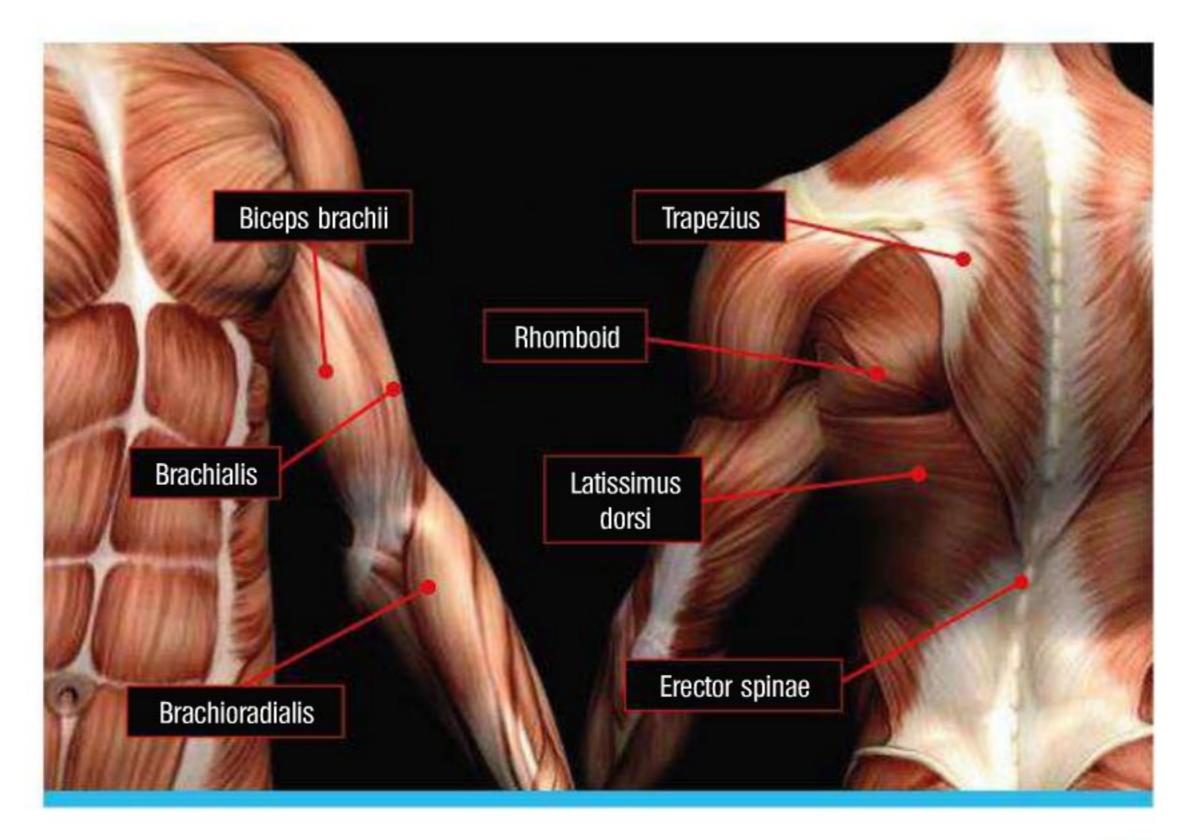
Most men would rather train their chest by doing bench presses than spend a session working on their back. But if you neglect the area you'll get bad posture and hunched shoulders as your overdeveloped pecs draw your shoulders forwards. A strong back will help you lift big weights as well as giving you a broad and imposing physique.

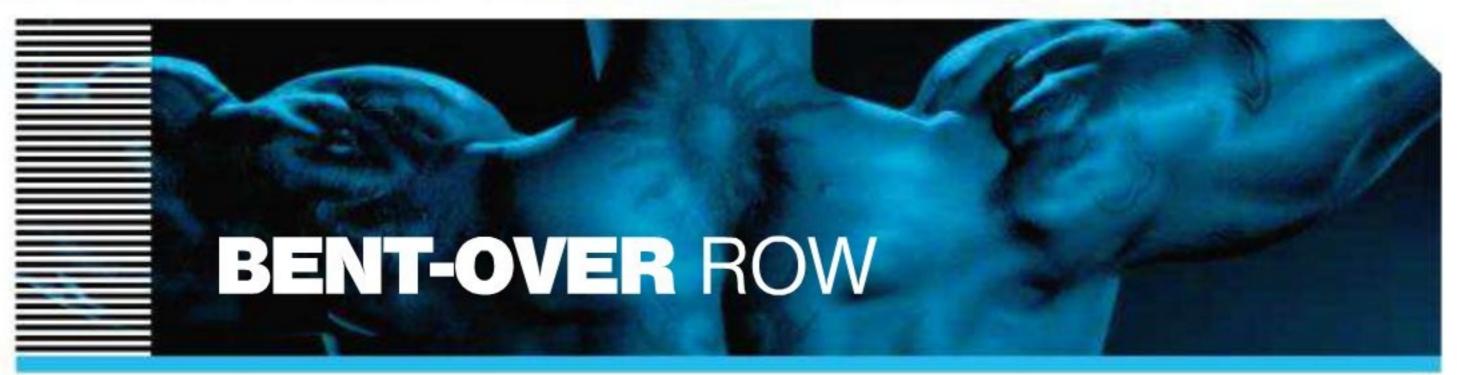
At the top of the back are the muscles that control your shoulders.

Your trapezius muscles ('traps') pull your shoulder blades up and together while your rhomboids pull your shoulders back. The latissimus dorsi muscles ('lats') are the large ones down the sides of your back and are responsible for drawing your arms down and back.

Biceps

Getting bigger biceps is a popular workout goal but they're actually a relatively small muscle. The biceps brachii is made up of two parts and is responsible for bending your arm. When your palms are facing down, the muscle that bends your arm is the brachialis. The final muscle in the group is the brachioradialis at the top of your forearm which is responsible for flexing the elbow.





24

A powerhouse move for building a strong back. You should be doing as many bent-over rows as you do bench presses to maintain a balanced physique. Ensure perfect form to prevent strains in your lower back.





LIGHT WEIGHTS

GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT

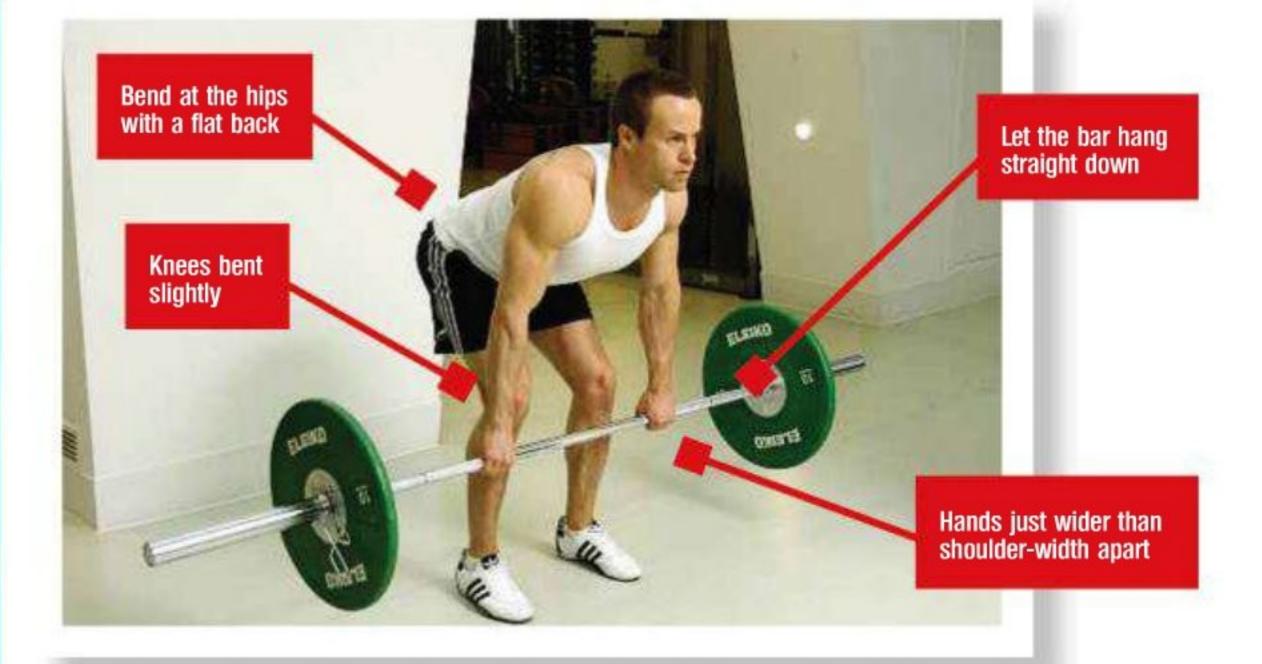


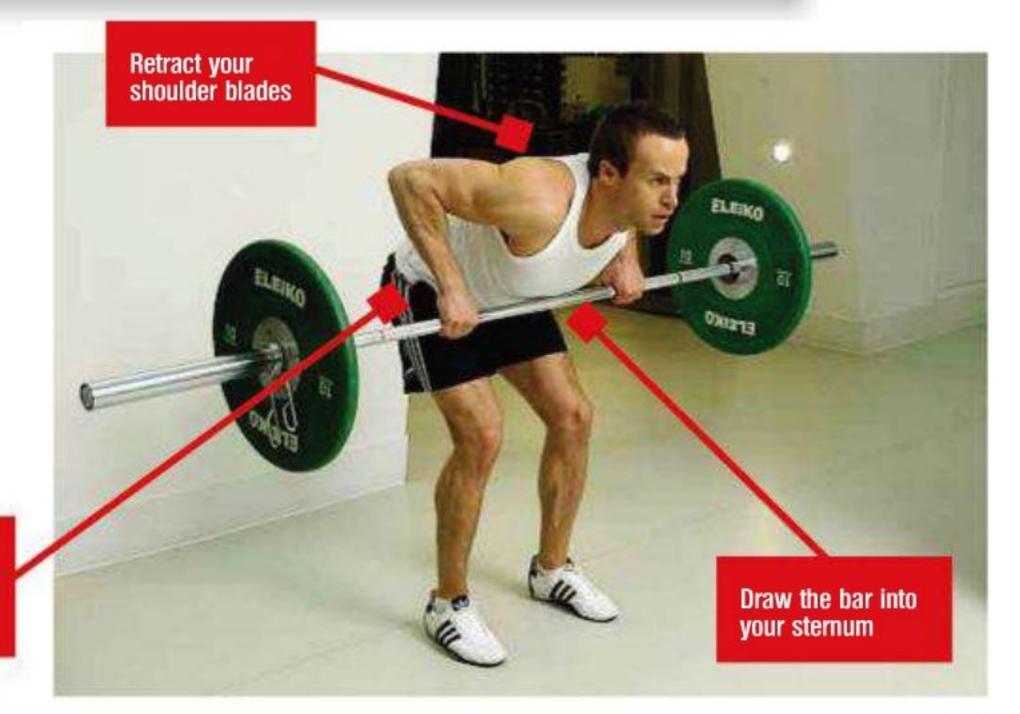
EXPLOSIVE



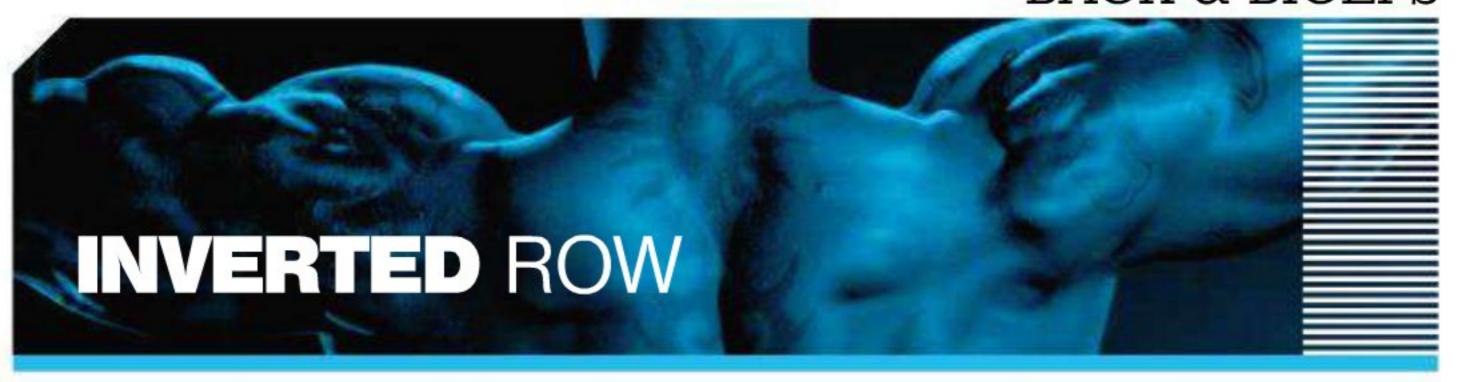
CORE







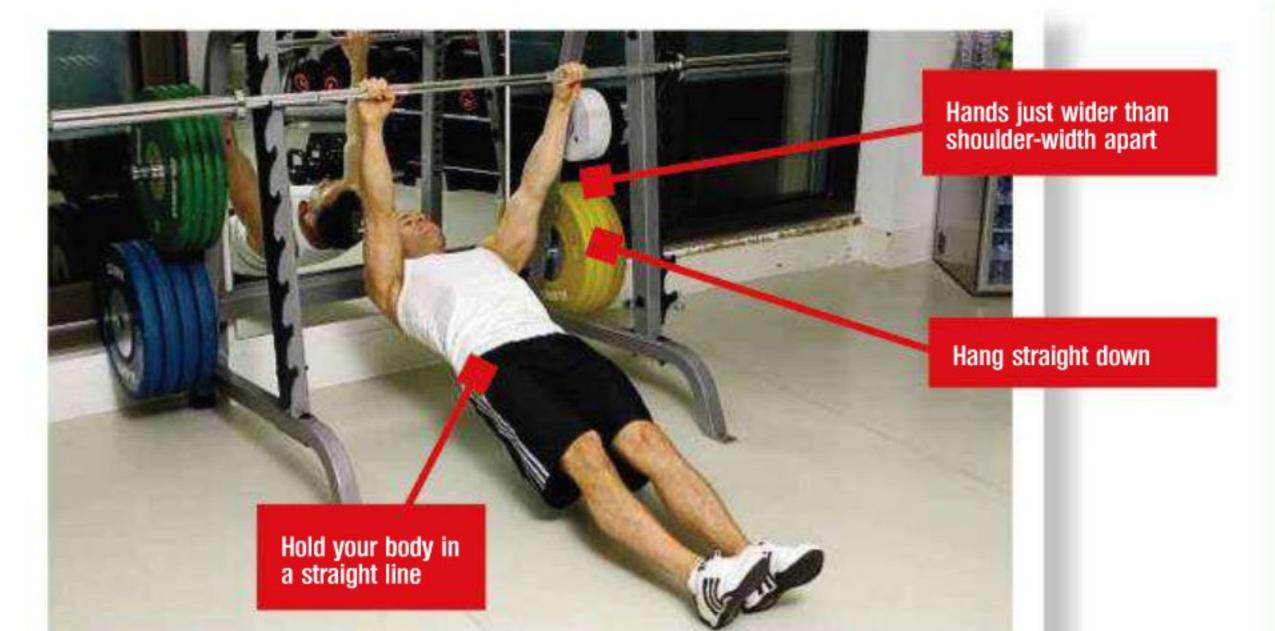
Maintain the same body position throughout



Like a backwards press-up, the inverted row requires you to stabilise your core and work against your own bodyweight. Keep the movement slow and controlled for maximum effect.











GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT



EXPLOSIVE



CORE



Pull your chest to the bar





The big move for training your upper traps. There's not a lot of movement in this exercise, so you can afford to go as heavy as you dare. Be sure to hold the contraction at the top for a second or two before lowering.



LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT

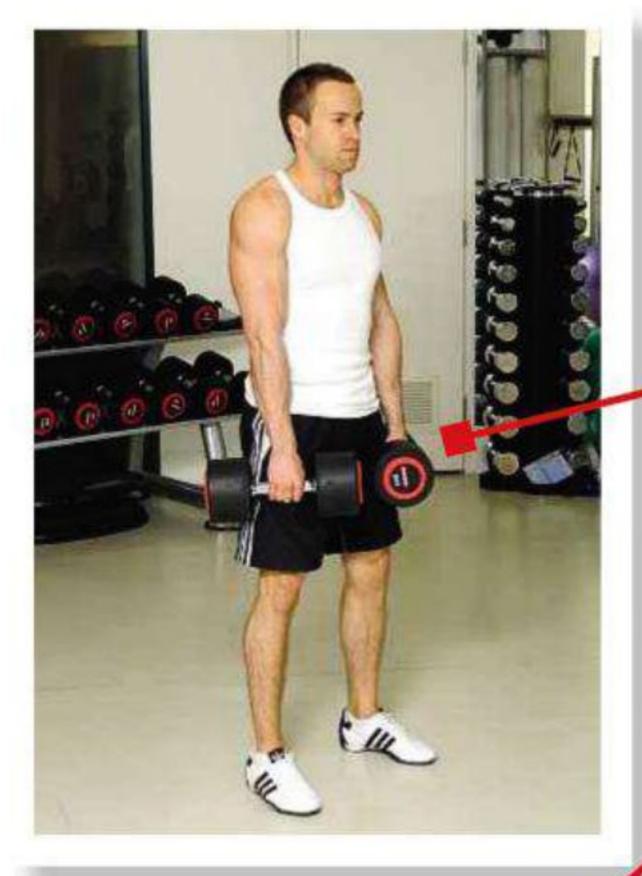


EXPLOSIVE



CORE

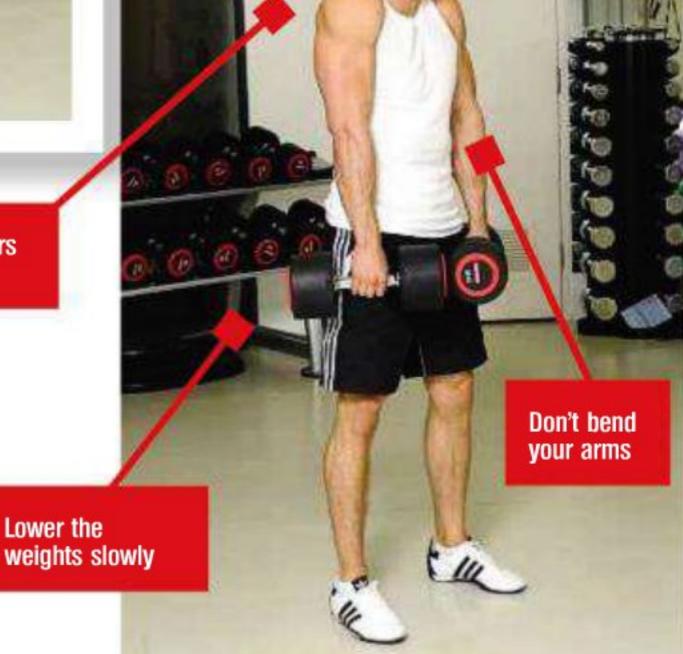




Hold weights on the outside of your thighs (slightly forward)

Raise your shoulders towards your ears

Lower the





Another chance to target a large number of muscle fibres in your back and stimulate the body's natural growth hormone response. Avoid the temptation to rock back and forth as you row, because this will transfer the stress to your lower back.





Sit upright with

back straight

Neutral grip – palms facing each other

Brace your feet with knees bent





GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT



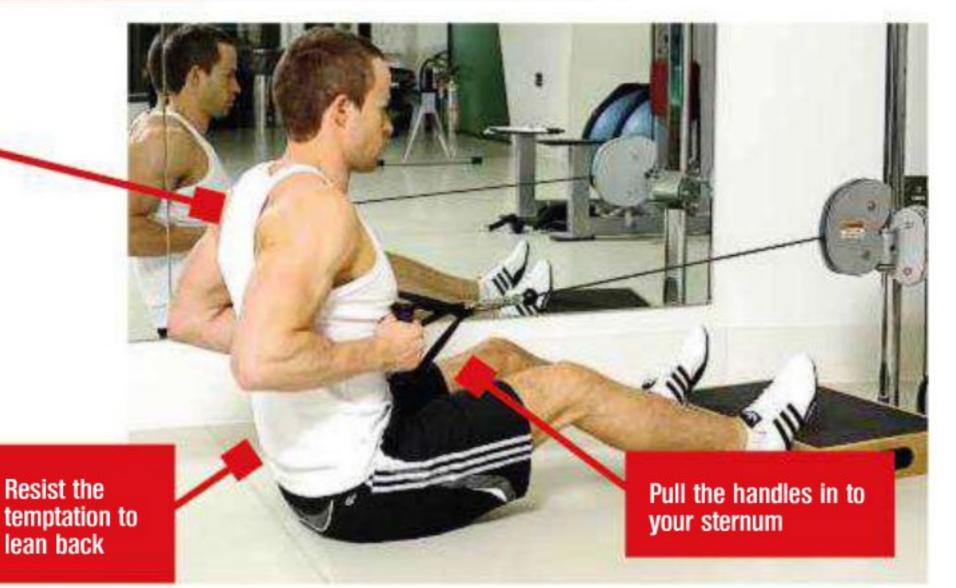
EXPLOSIVE



CORE



Retract your shoulder blades





28

The unilateral nature of this exercise means that you can iron out any imbalances in your back development brought on by having one arm stronger than the other.





LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT

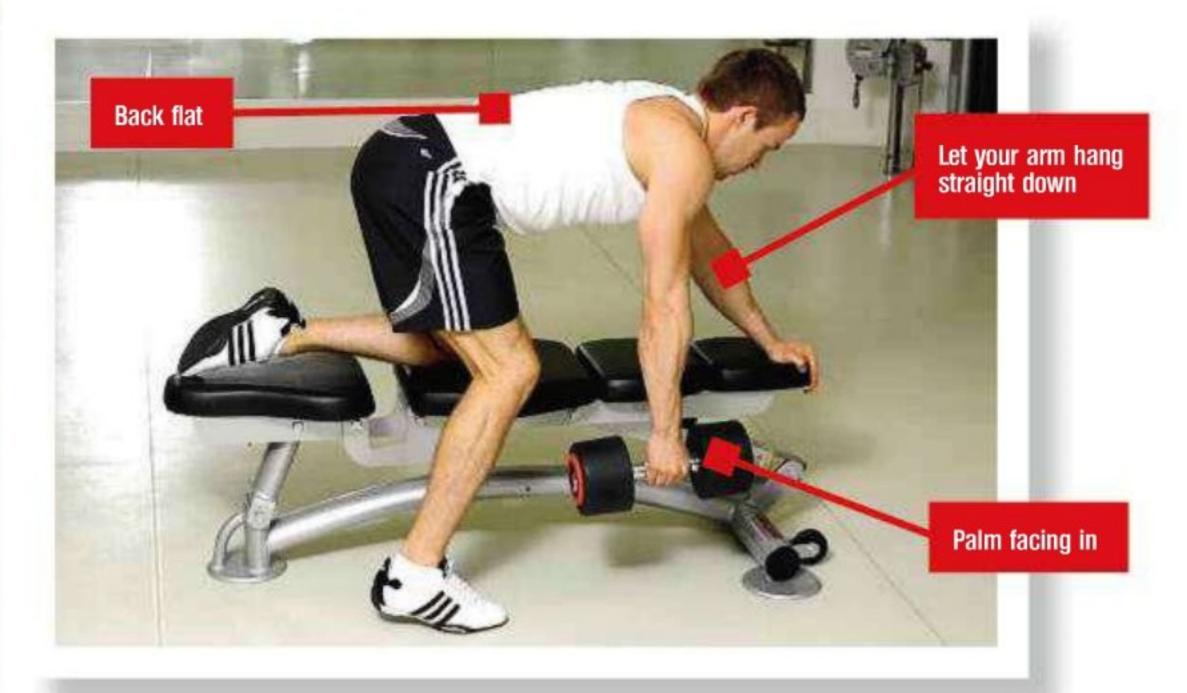


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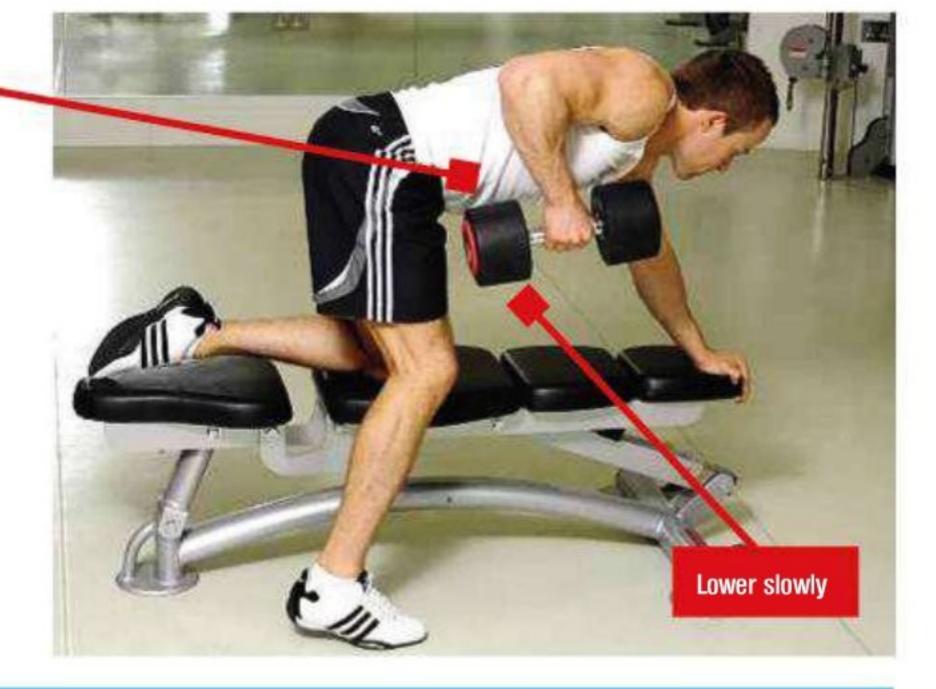


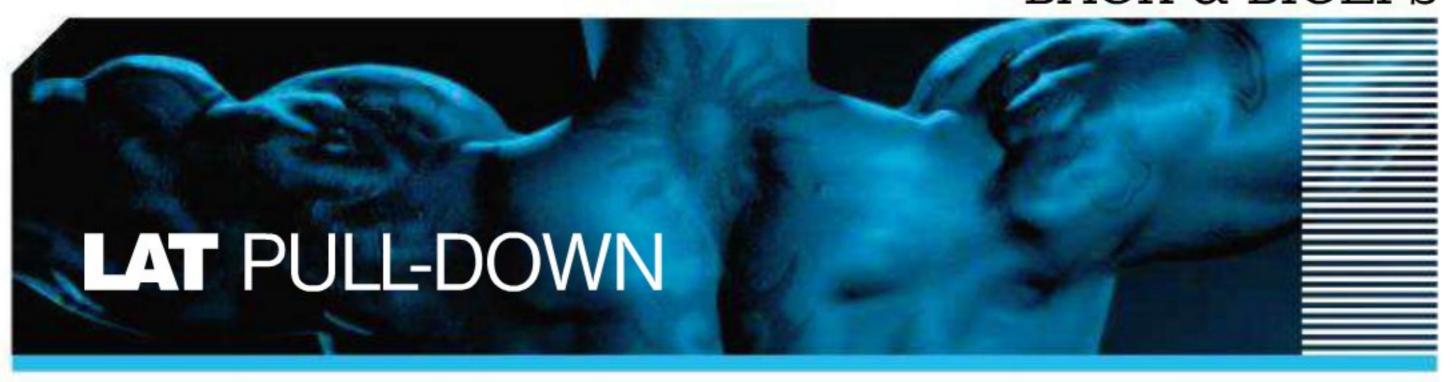
CORE





Pull the weight in to your side



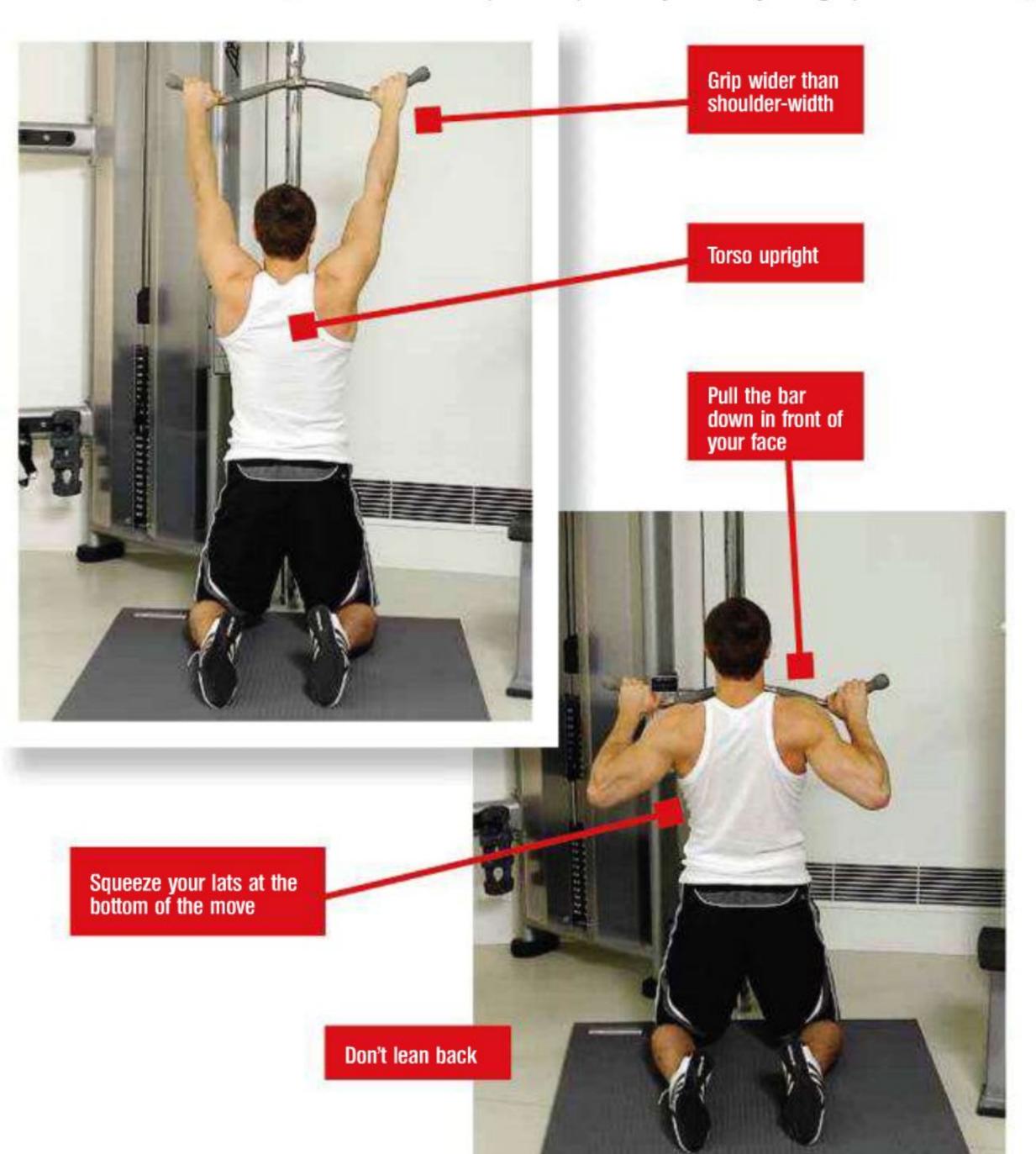


This targets your 'wings' - the latissimus dorsi muscles down the sides of your back. If you are aiming to shift heavy weights, you will need a specific lat pull-down machine on which you can jam your knees beneath pads to prevent your body lifting up.





LIGHT WEIGHTS







30

Using a shoulder-height cable means you target not just the upper part of your back – your trapezius and rhomboids – but your rear shoulders as well. Keep a strong core to prevent your body twisting as you pull.





GO HEAVY



COMPOUND



ISOLATION



STABILISER



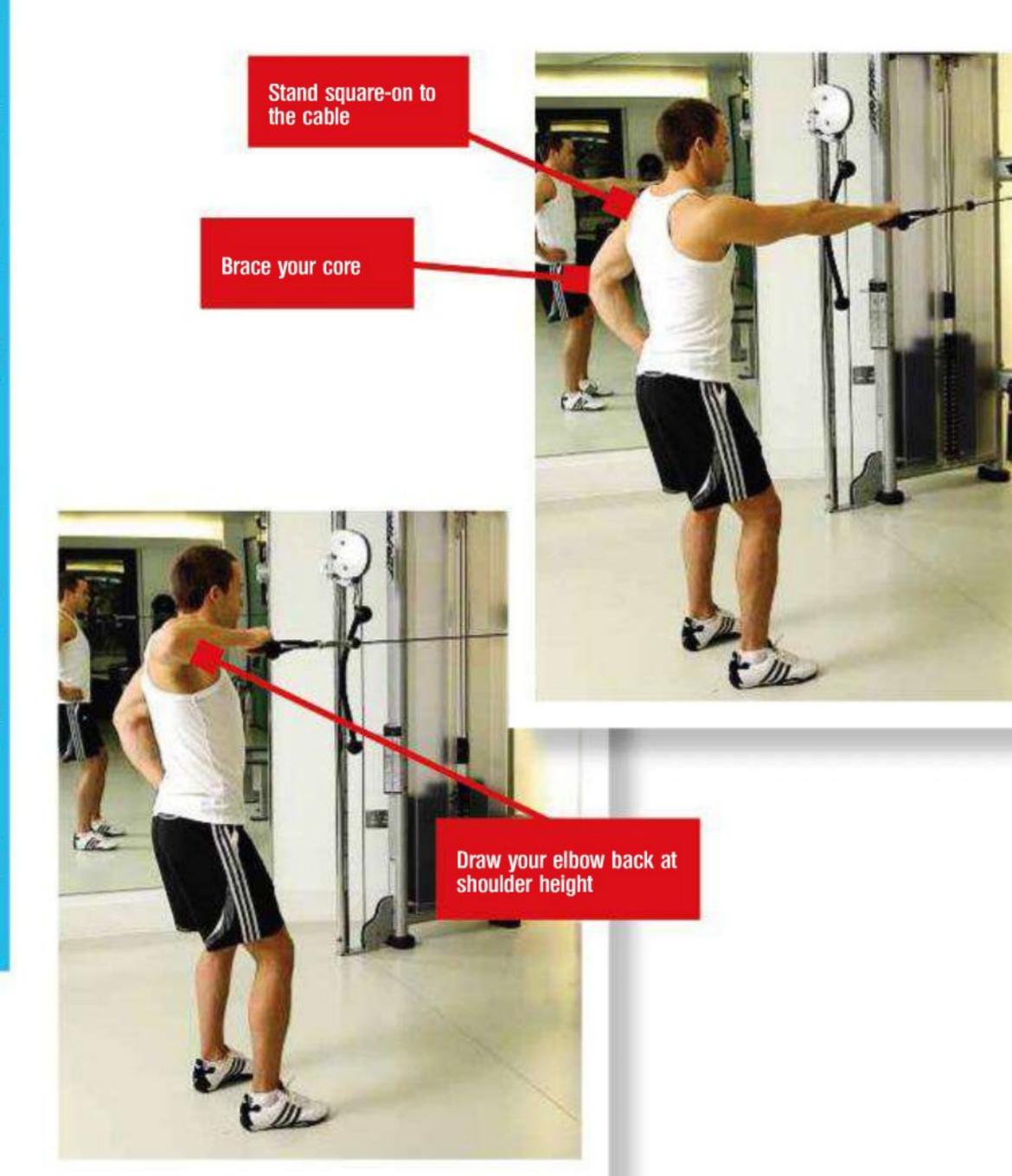
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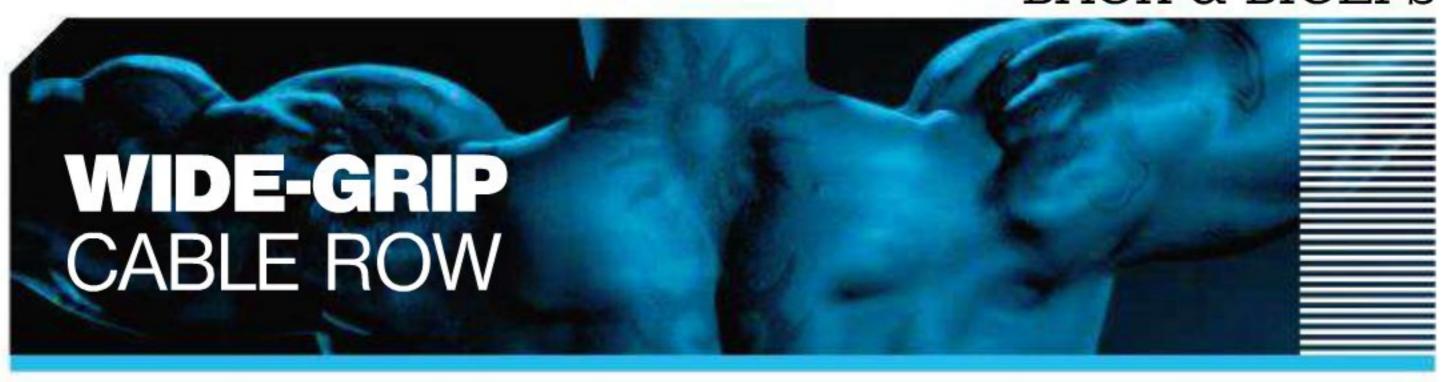


EXPLOSIVE









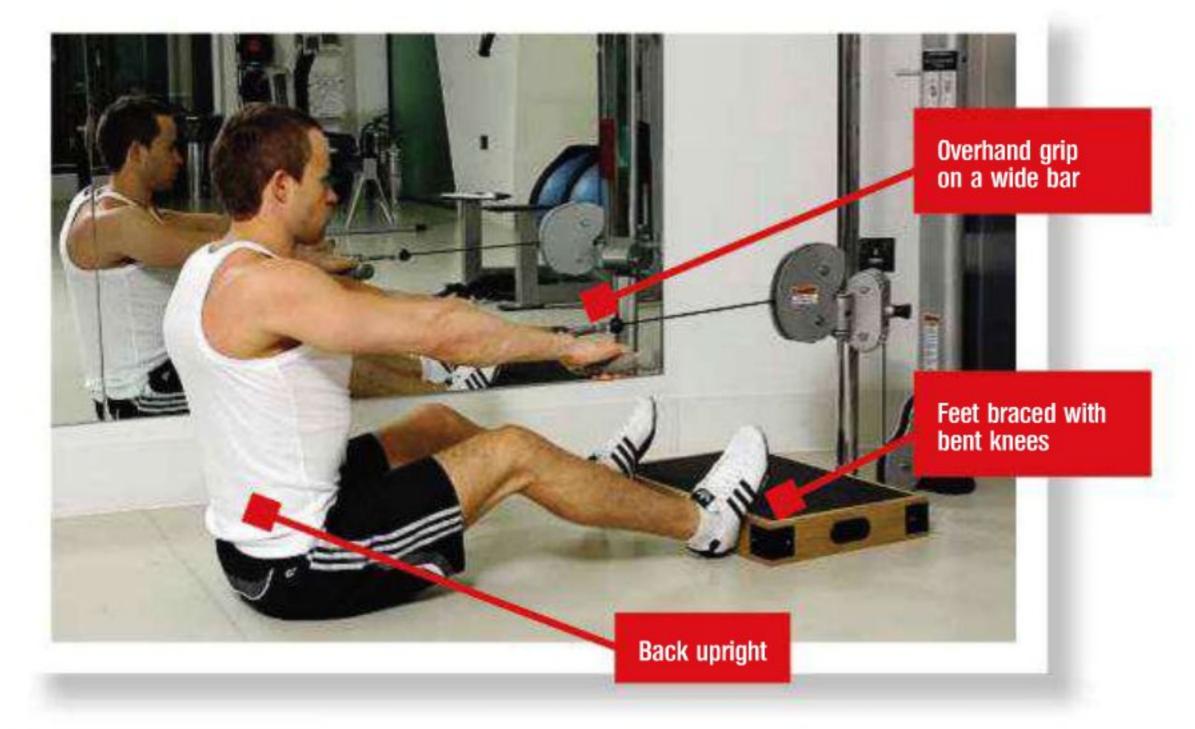


Use a long bar to shift the emphasis away from your lats and to your traps and rhomboids.



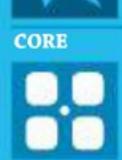


LIGHT WEIGHTS











32

A great test of your upper-body strength, the pull-up should be a regular in any man's gym programme. If you struggle to perform pull-ups, use a bench to help get you into the 'up' position and then lower your weight slowly.









COMPOUND



ISOLATION



STABILISER



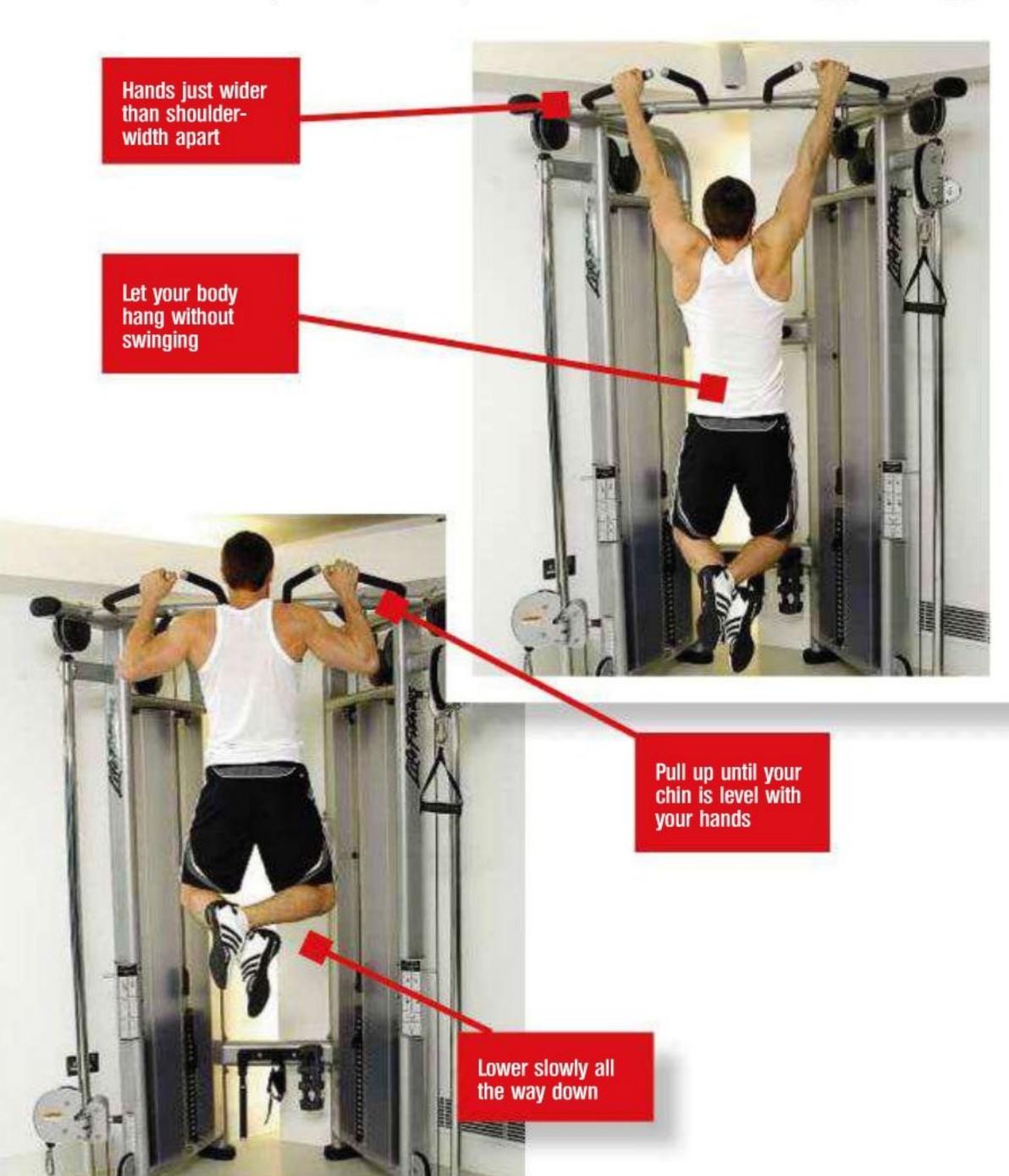
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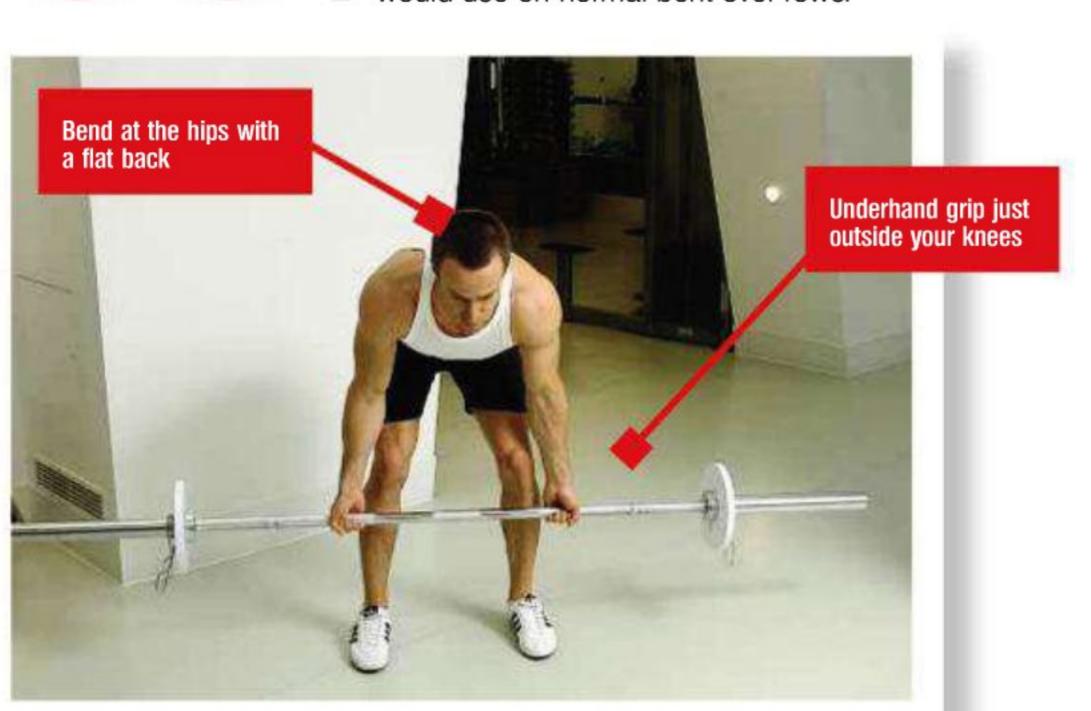


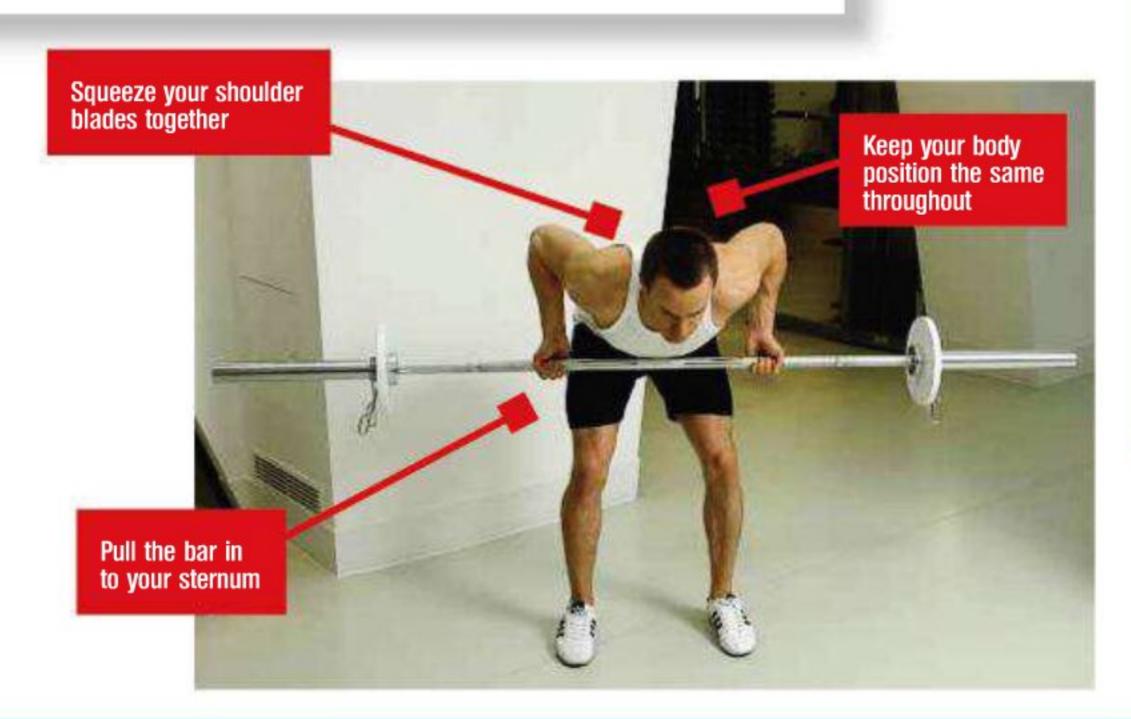






By turning your hands to face outwards you transfer the emphasis to your biceps and lats. You may find you have to reduce the weight you would use on normal bent-over rows.





















FORM ALERT



EXPLOSIVE



CORE





34

Your rear deltoids rarely get a look-in, but adding this exercise to the mix will ensure you get balanced gains and prevent you getting hunched from having over-strong front delts that pull your shoulders forward.





GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT

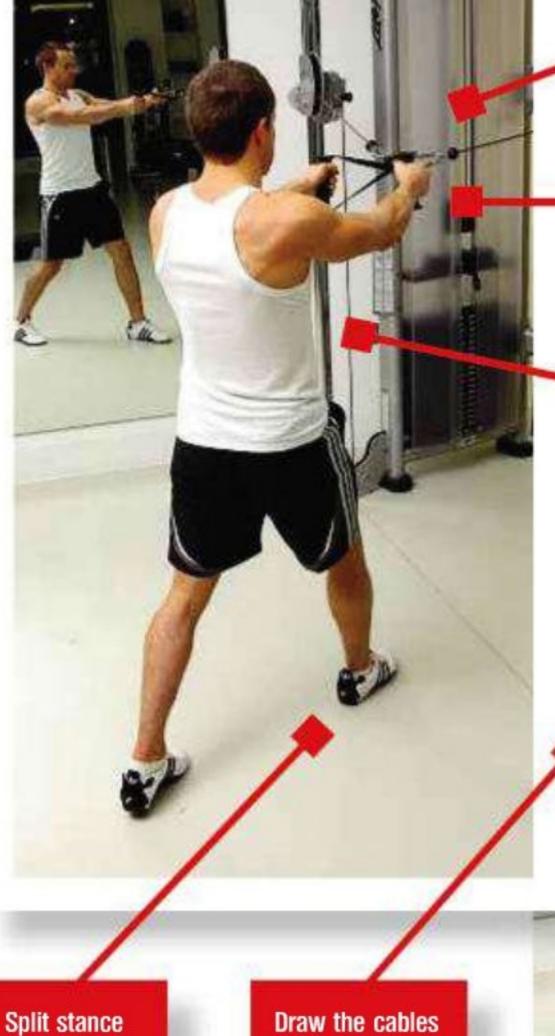


EXPLOSIVE



CORE



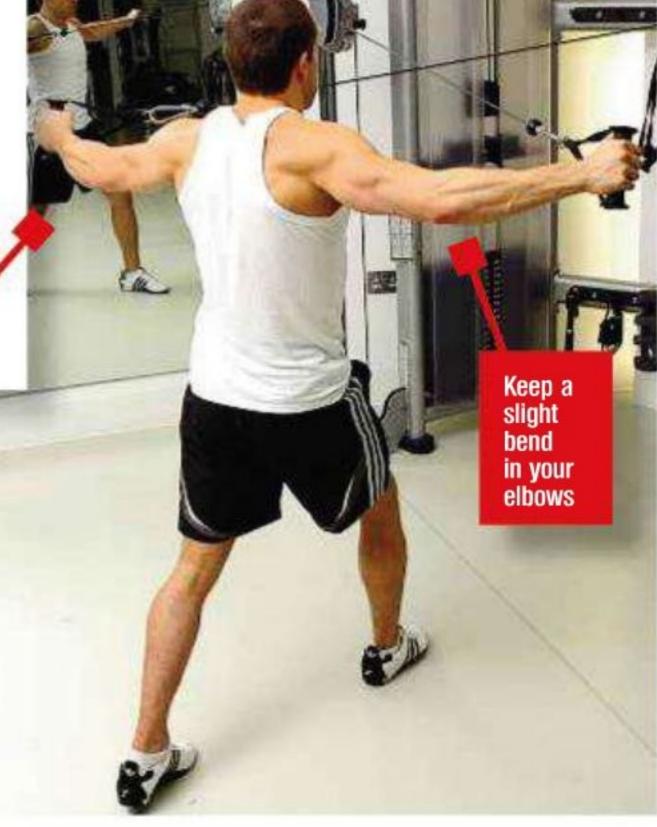


straight back

Hold crossed cables in front of your shoulders

Palms facing each other

Body upright with core braced



for balance



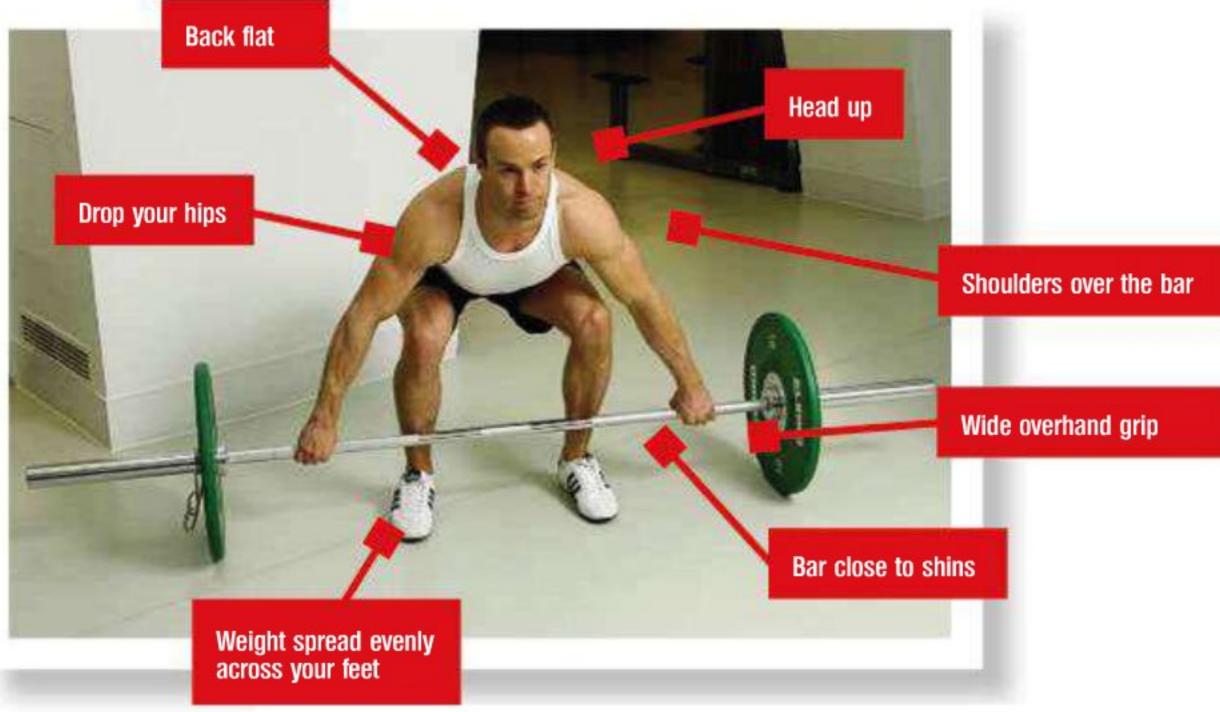
A powerful, muscle-building move that works the whole body. By taking a wide grip you make your back do more work to stabilise the bar as you lift.



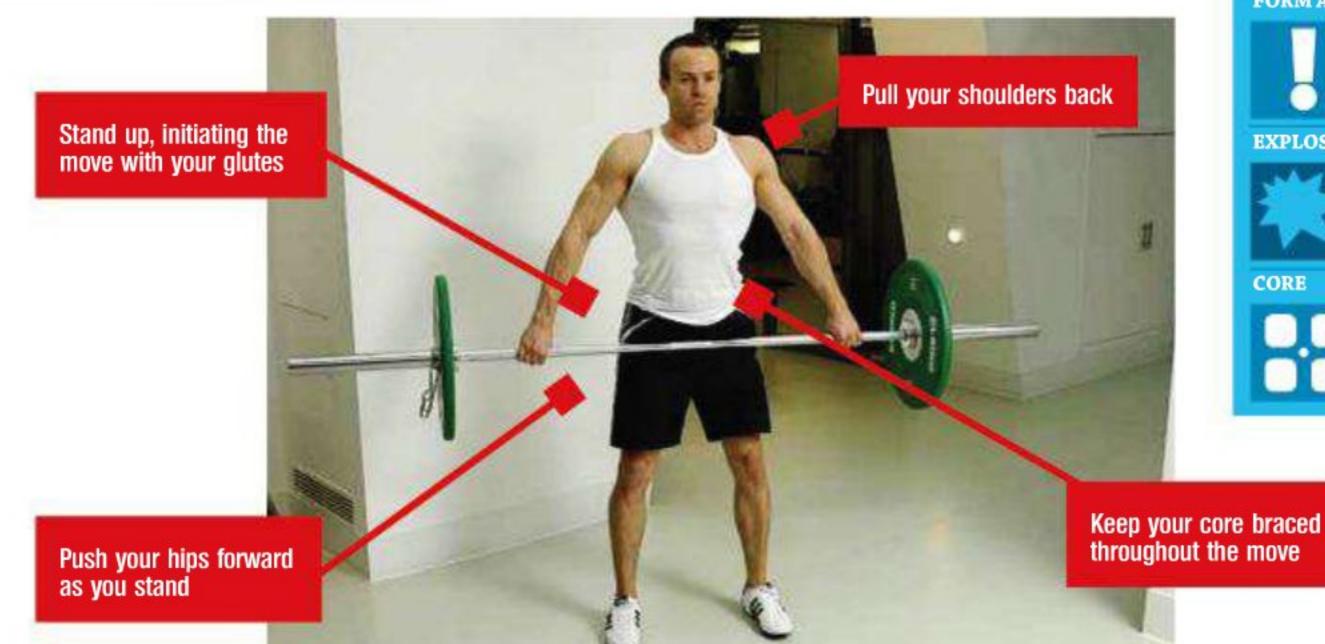


LIGHT WEIGHTS

GO HEAVY









36

This exercise targets the muscles of your middle back

- your traps and rhomboids
- while minimising the contribution from your arms.



LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT

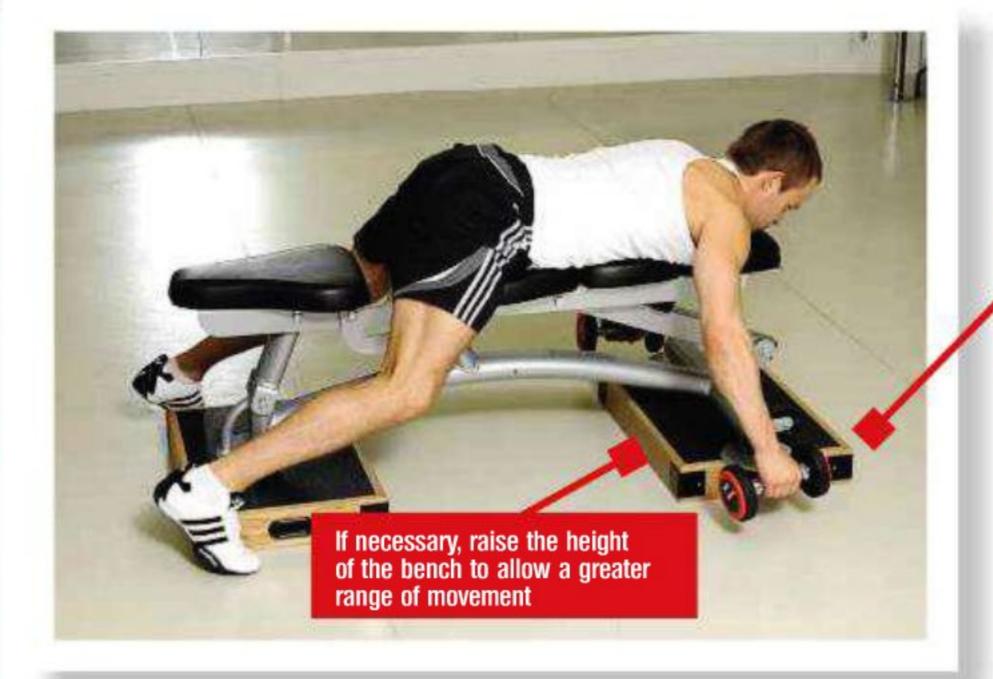


EXPLOSIVE



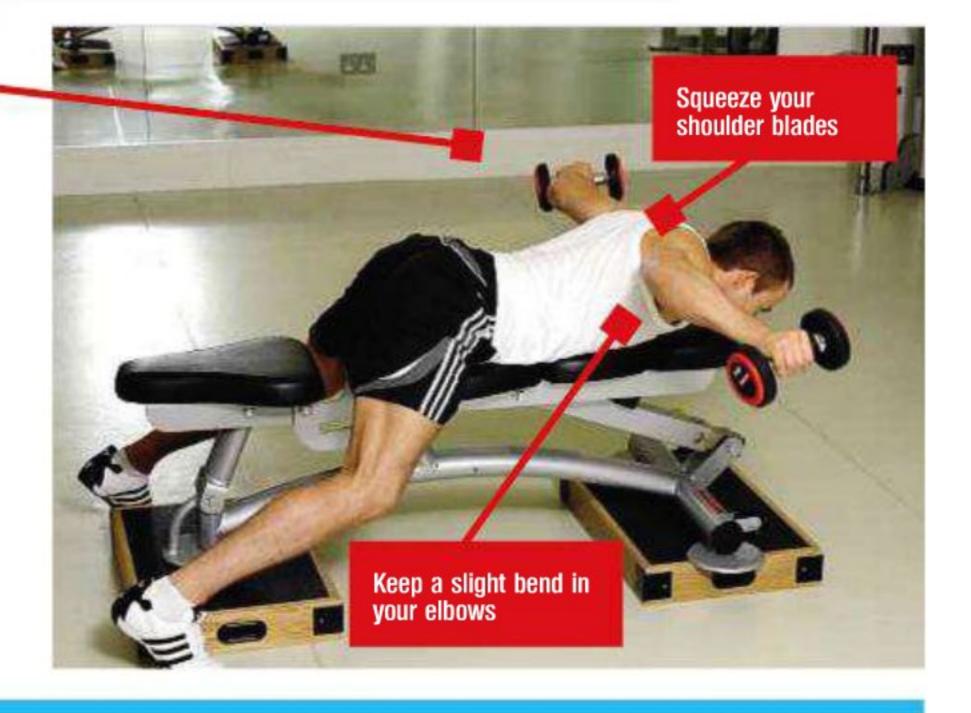
CORE





Let weights hang beneath your shoulders

Lift your arms straight out to the sides



WIDE-GRIP PULL-UP

Make your lats work harder by taking a wider grip on the pull-up bar. This will restrict your range of movement, but you should still aim to get your chin to hand-level and lower all the way down to complete a full rep.

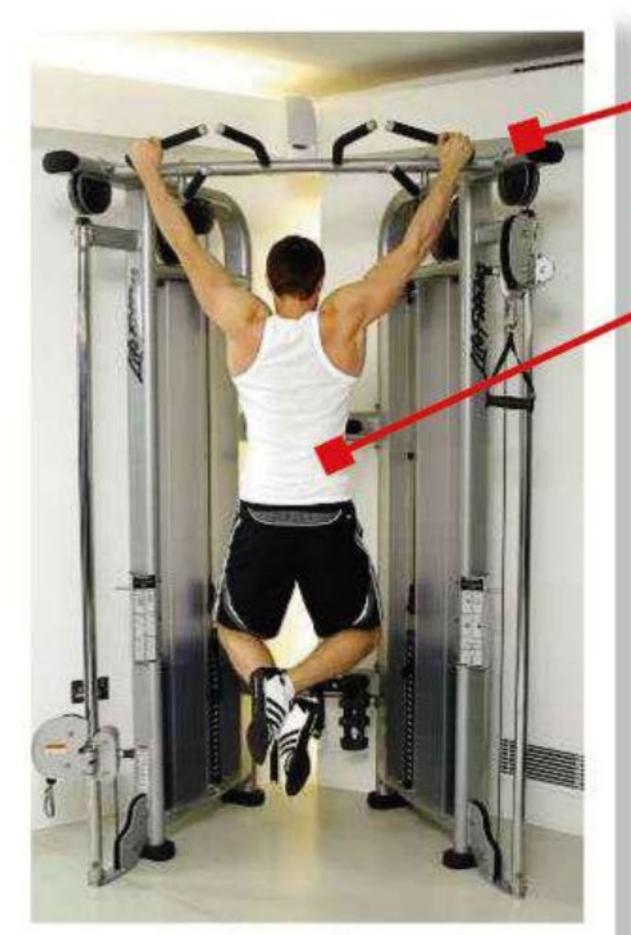


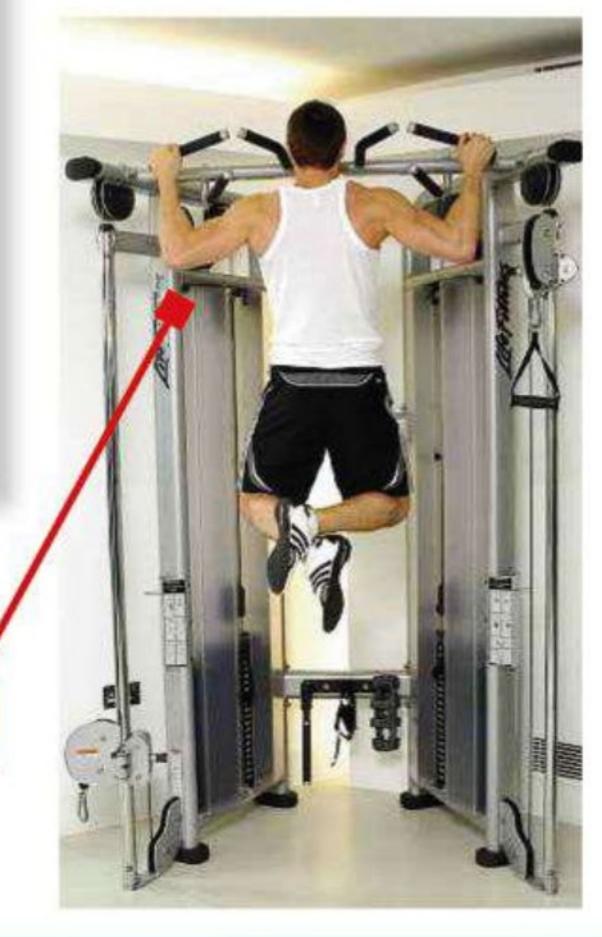


LIGHT WEIGHTS

Wide overhand grip

Let your body hang without swinging







FORM ALERT

Pull up as far as you can and lower slowly all the way down



38

This combination move gives you two classic mass-building exercises in one. You will need to keep your core braced and back straight throughout to avoid placing stress on your lower back.





LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT

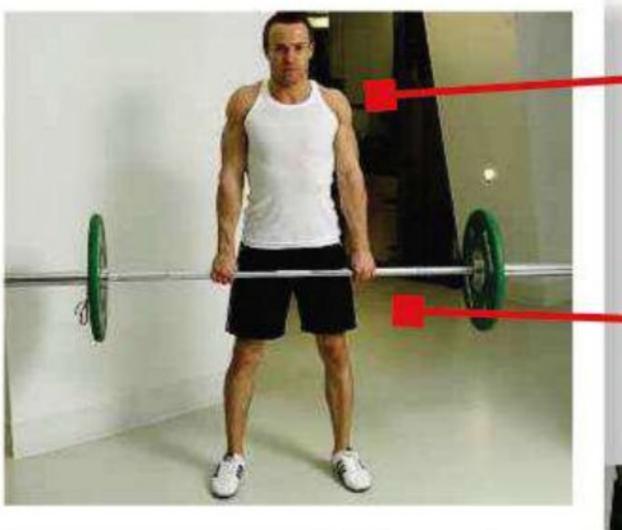


EXPLOSIVE



CORE





Keep your back upright and shoulders back

Overhand grip just wider than shoulder width

Lean forward at the hips with your back flat



let the bar travel down your shins

Bend your knees and

Squeeze your shoulder blades

Maintain the bent-over body position as you pull the bar to your chest

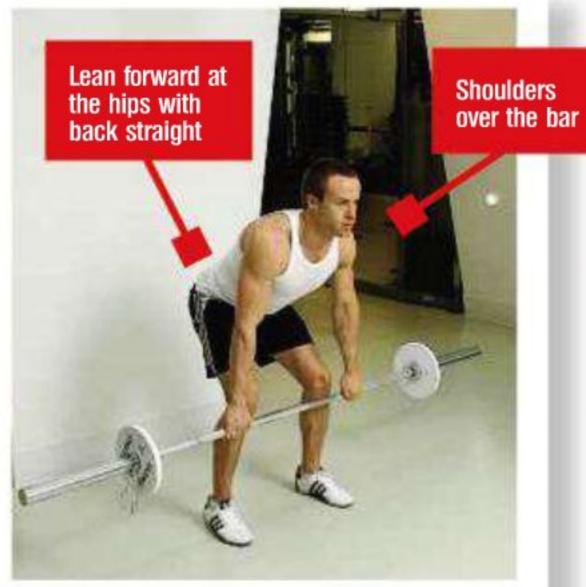
Reverse the move back to the start

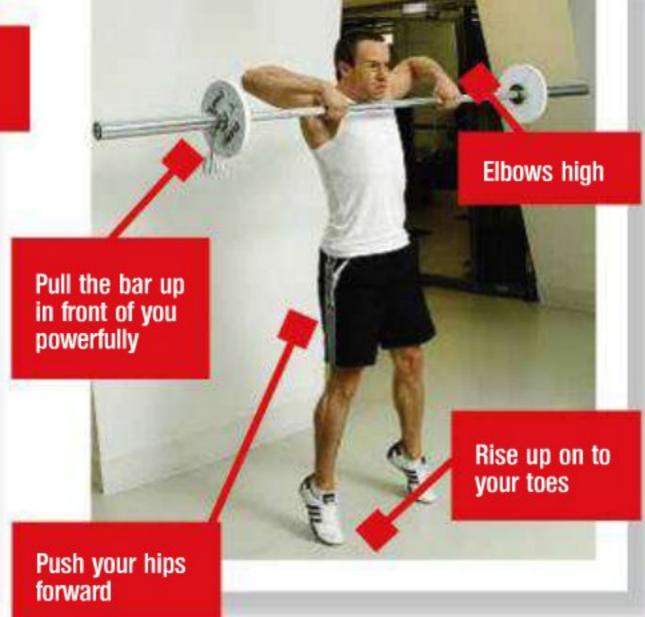


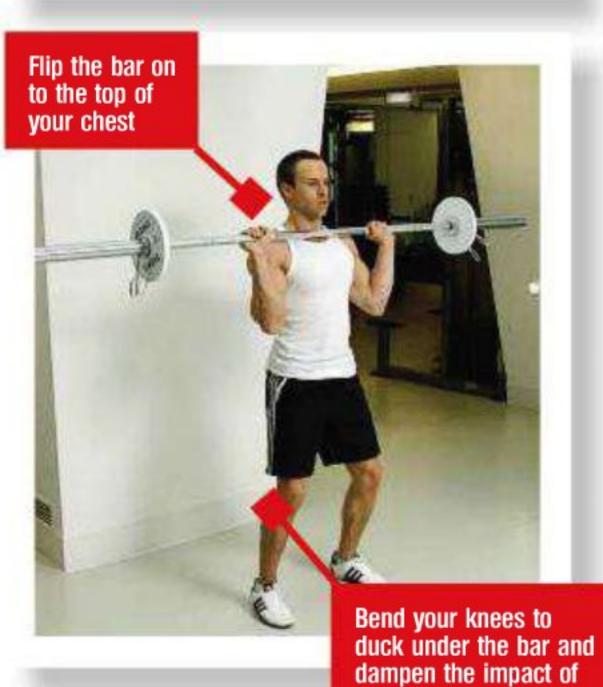
This exercise will work your entire body from calves to shoulders, making you functionally stronger and flooding your system with muscle-building hormones. It should be performed powerfully but with complete control, ensuring a straight back throughout.



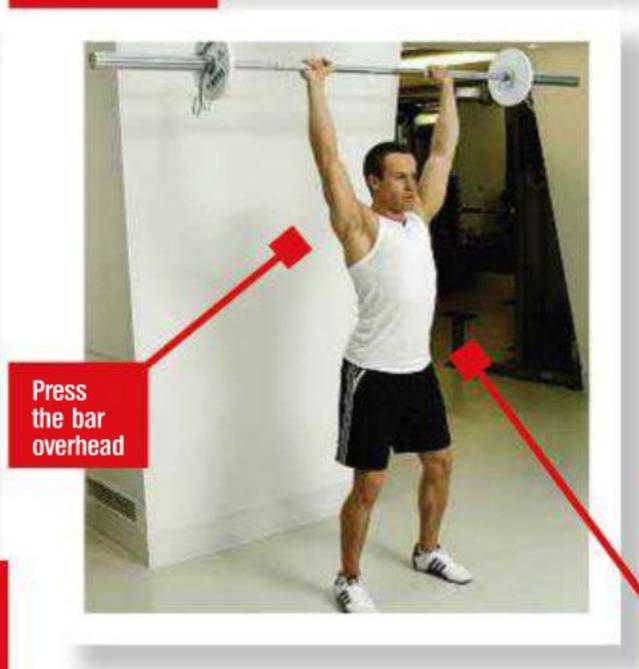








the 'catch'





GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT



EXPLOSIVE



CORE

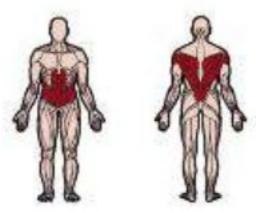


Core braced throughout



4

Really squeeze your shoulder blades together at the top of this move to ensure that you are working your back to the full and not just your rear shoulders.



LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



STABILISER



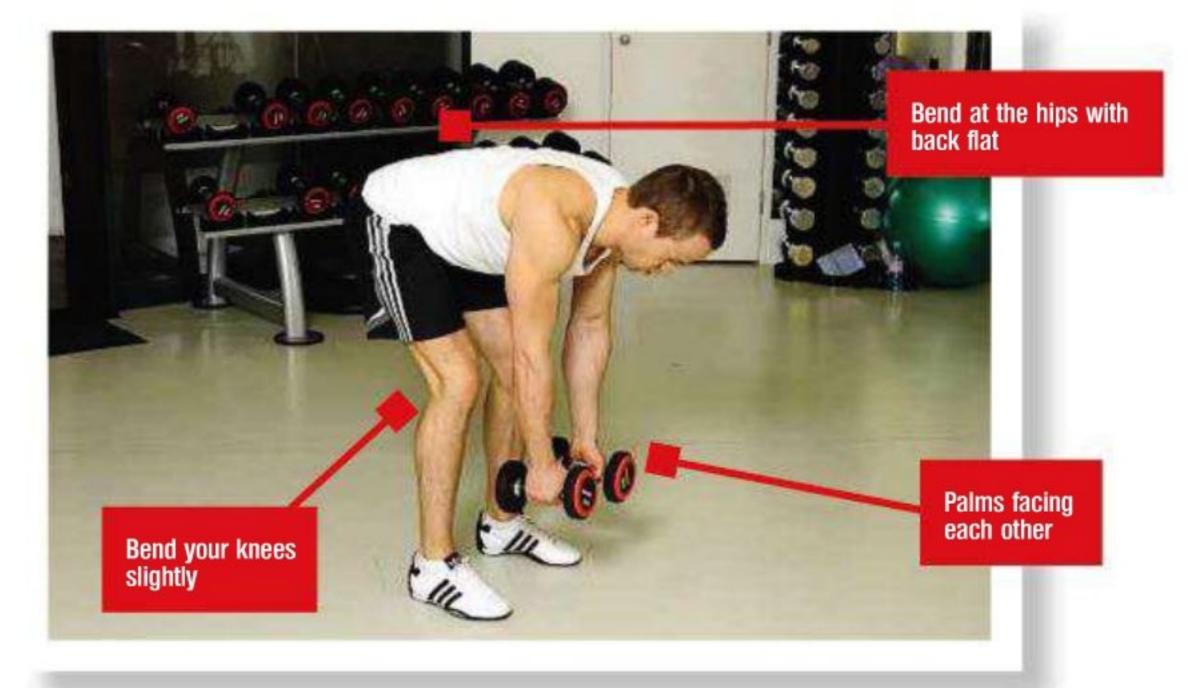
FORM ALERT

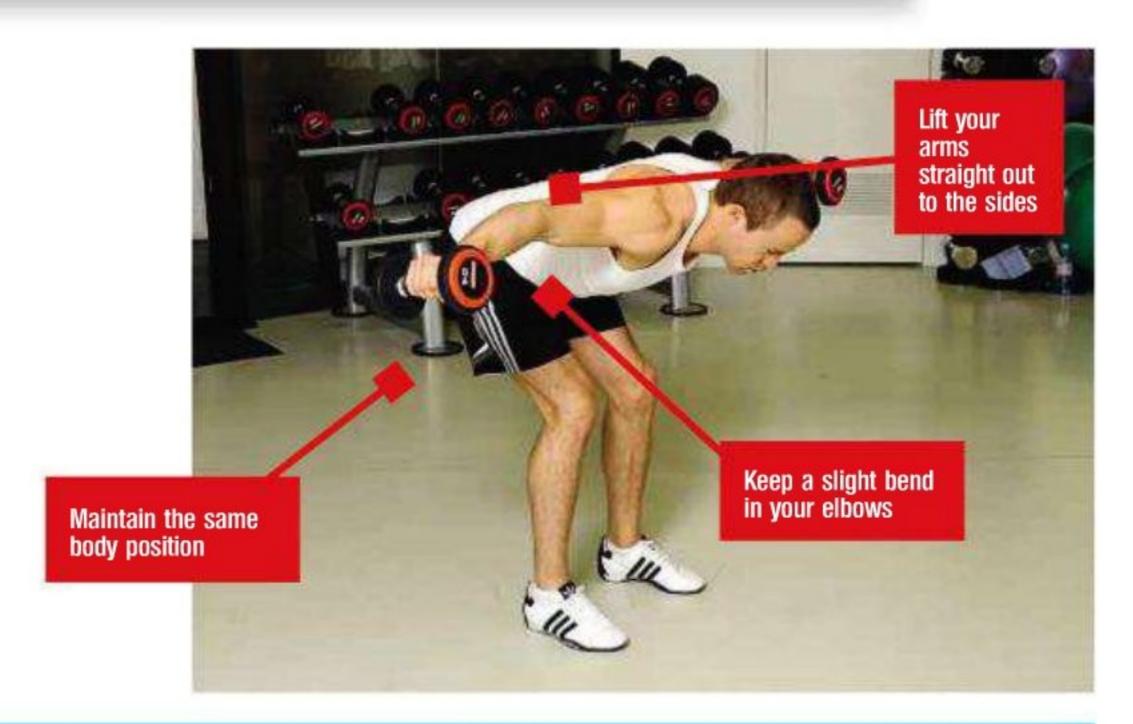


EXPLOSIVE







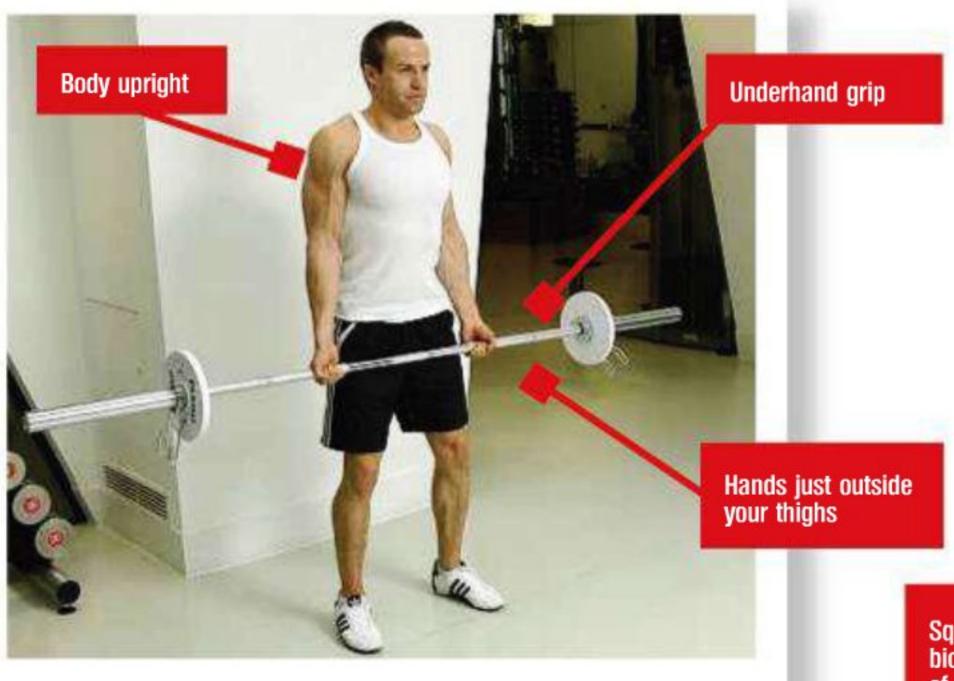




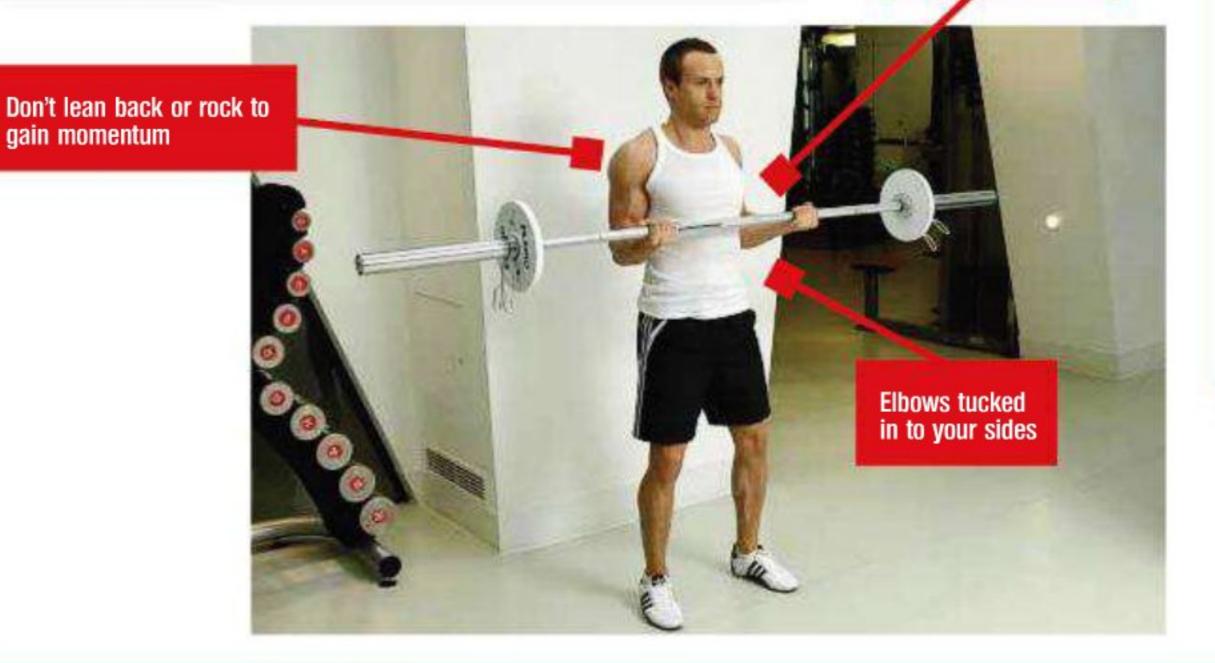
This is the simplest move for packing muscle on your biceps. Pick the heaviest weight you can manage - but only with perfect form. If you have to rock your body or limit your range of motion to lift the bar, pick a lighter weight.







Squeeze your biceps at the top of the move







GO HEAVY



COMPOUND



ISOLATION



STABILISER



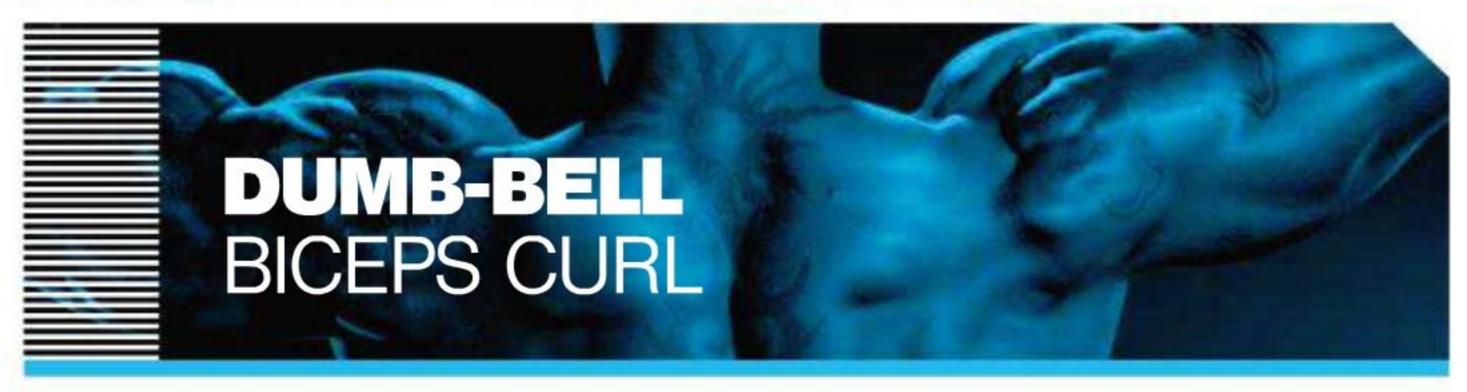
FORM ALERT



EXPLOSIVE







42

With dumb-bells you can't shift as much weight as with a bar, but you can train each arm separately, so your stronger arm can't take over the workload. By supinating your wrists – turning them out – at the top of the move you will get a greater contraction on the biceps.



LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT

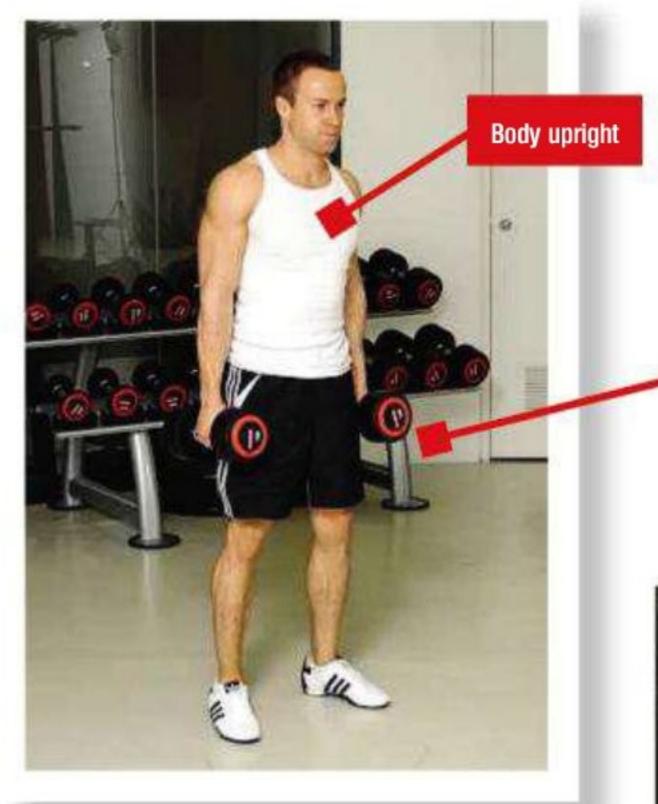


EXPLOSIVE



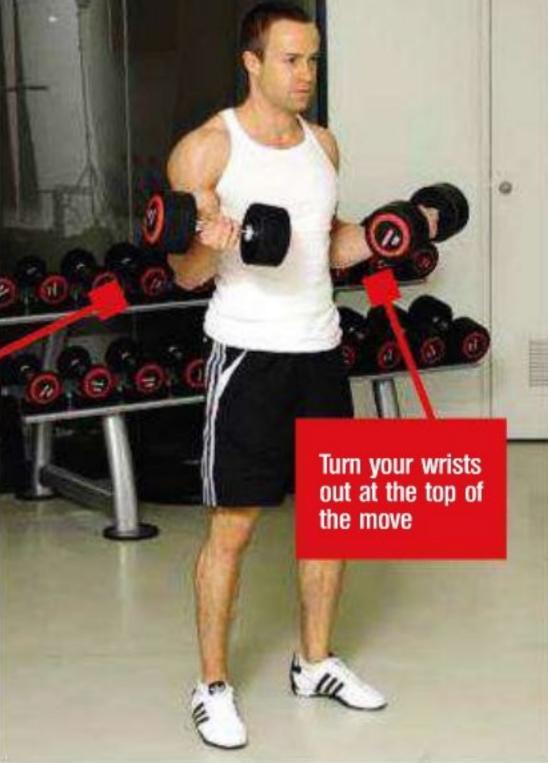
CORE

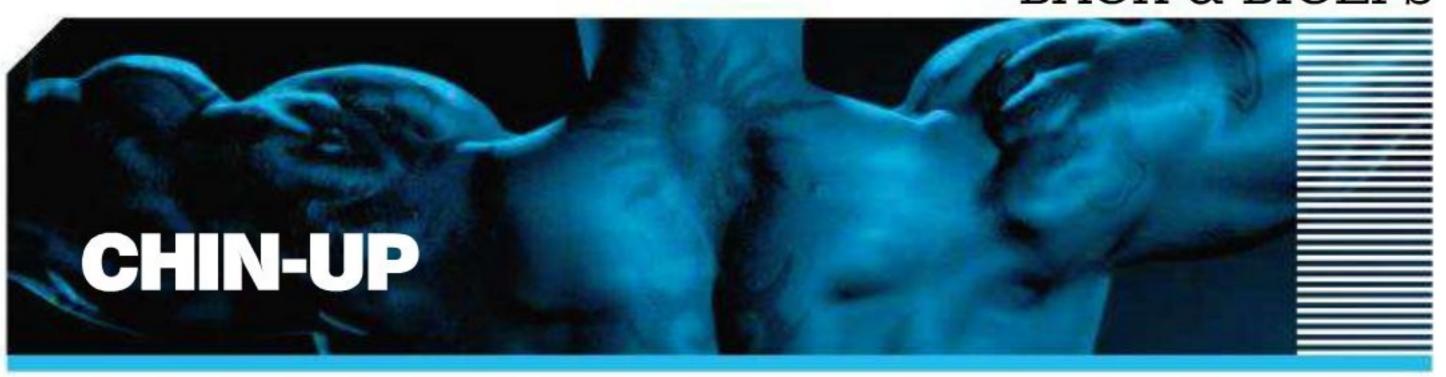




Dumb-bells by sides, palms facing in

Elbows tucked in to sides

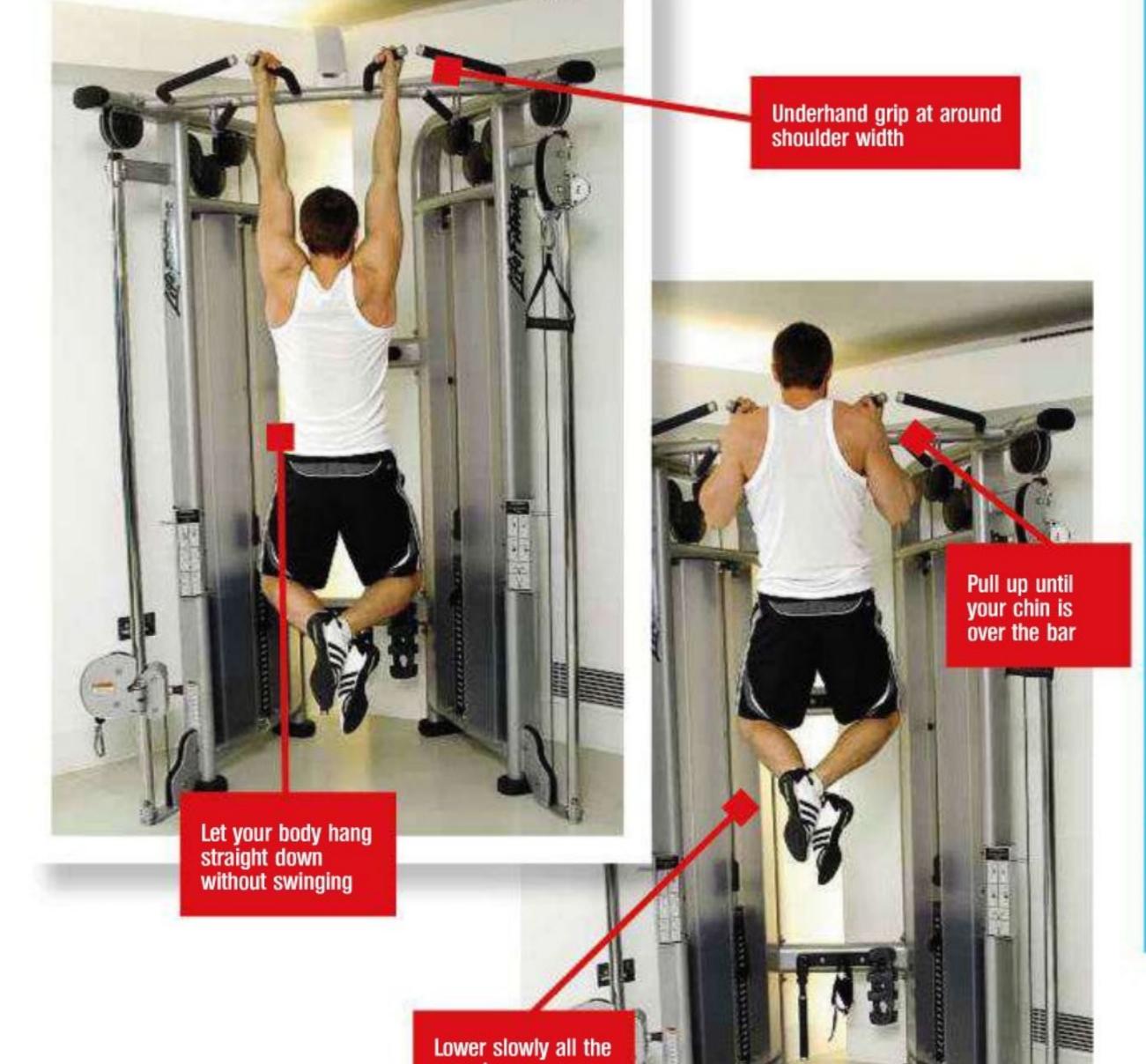




Use an underhand grip to place more emphasis on your biceps compared with a standard pull-up.







way down





GO HEAVY



COMPOUND



ISOLATION



STABILISER



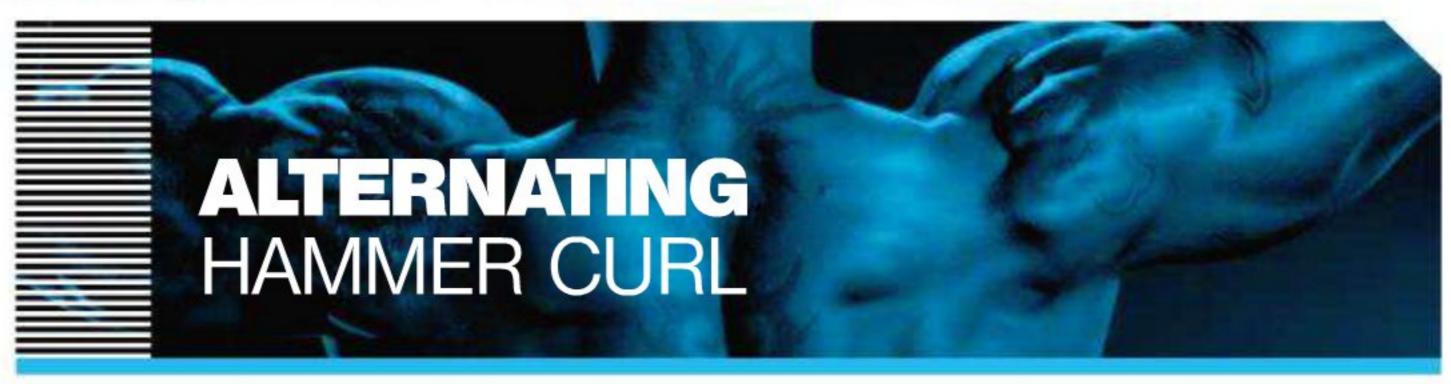
FORM ALERT



EXPLOSIVE







The hammer grip – with palms facing each other – takes some of the pressure off your biceps brachii and places it onto your brachioradialis muscle that runs down to your forearm.



side to side

LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



STABILISER



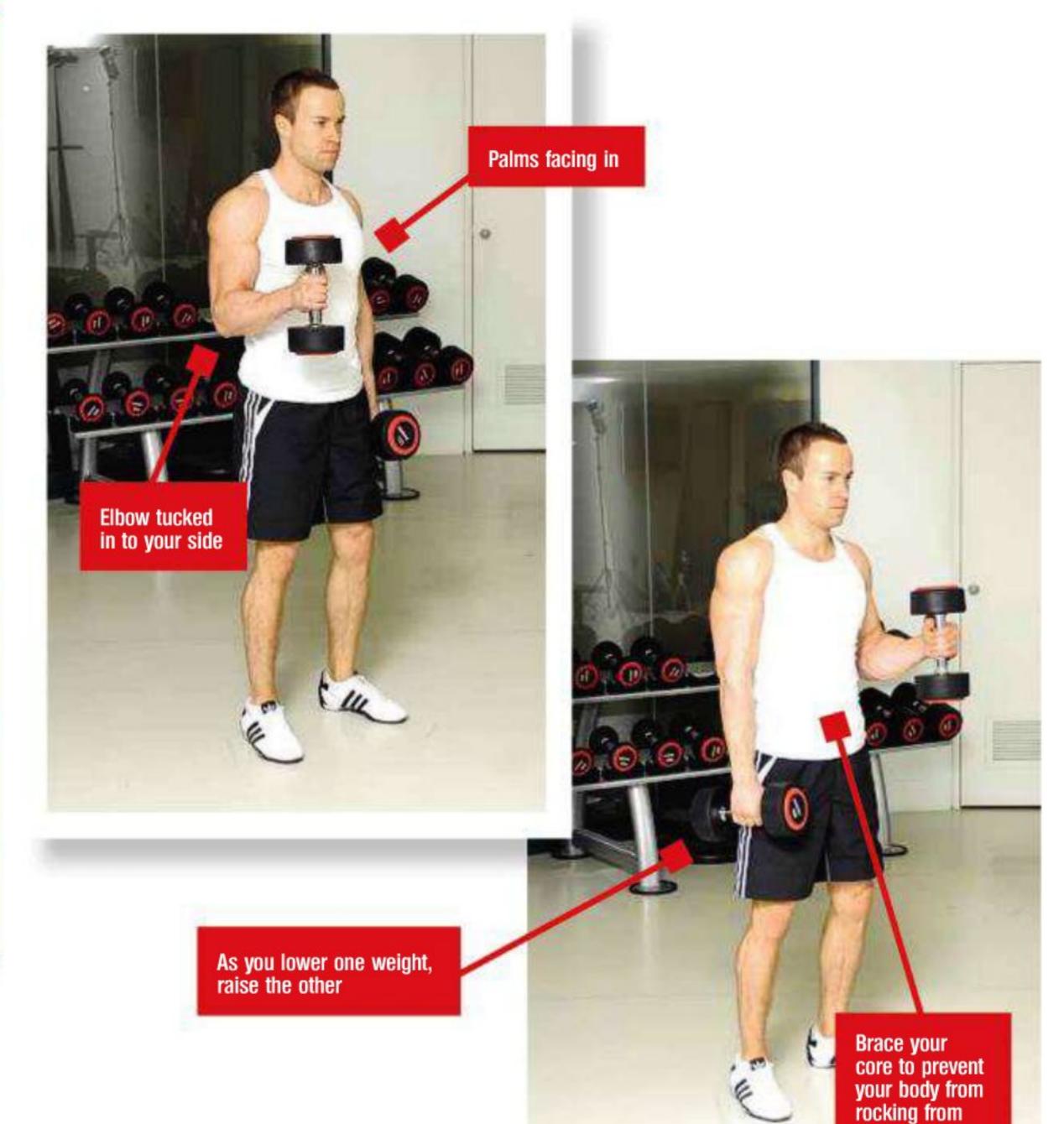
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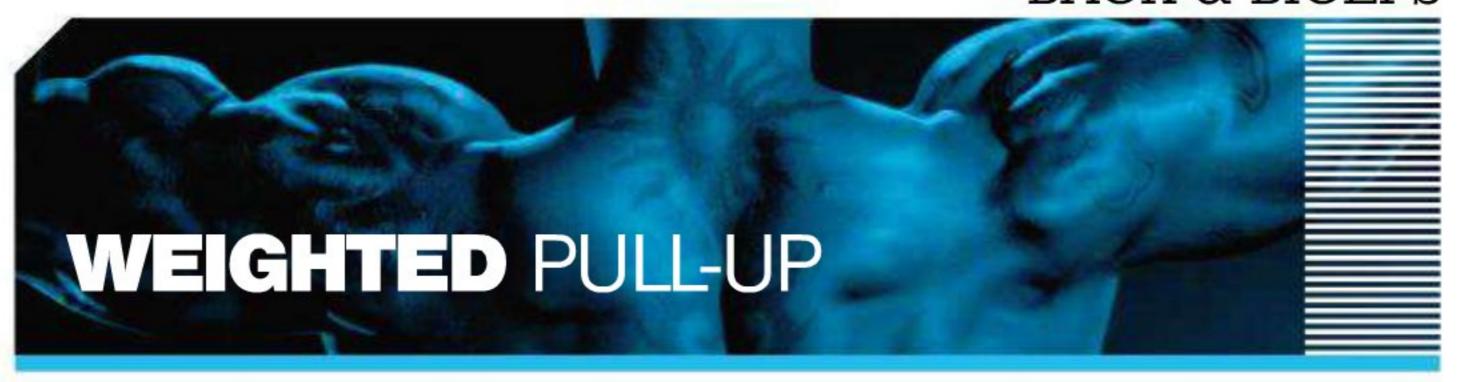


EXPLOSIVE







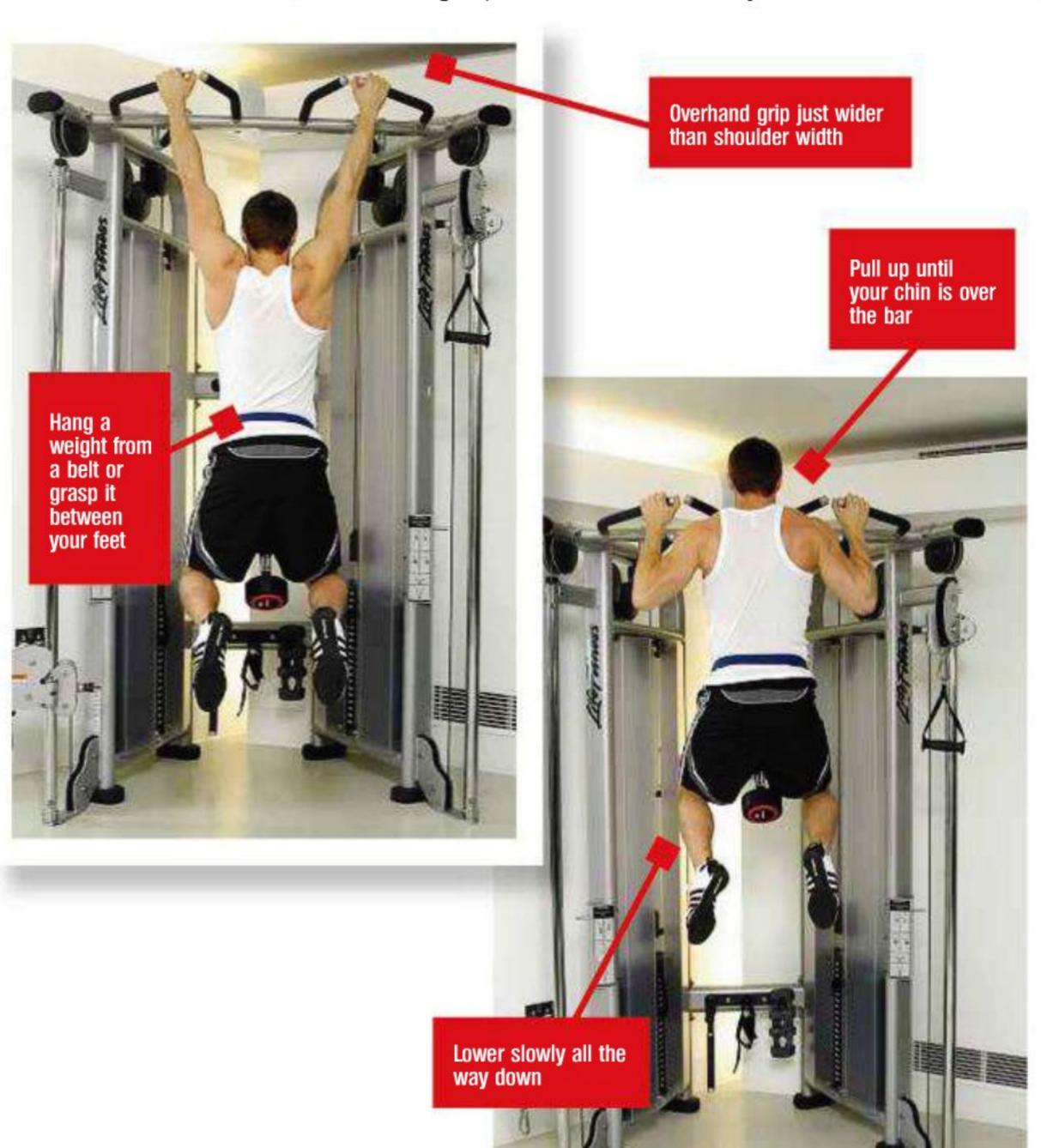


When you can perform more than ten or 12 pull-ups easily, rather than simply doing more reps, your muscles will respond better if you add extra resistance. You can hang weights from a belt or grasp a dumb-bell between your feet.





LIGHT WEIGHTS

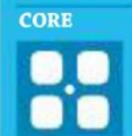


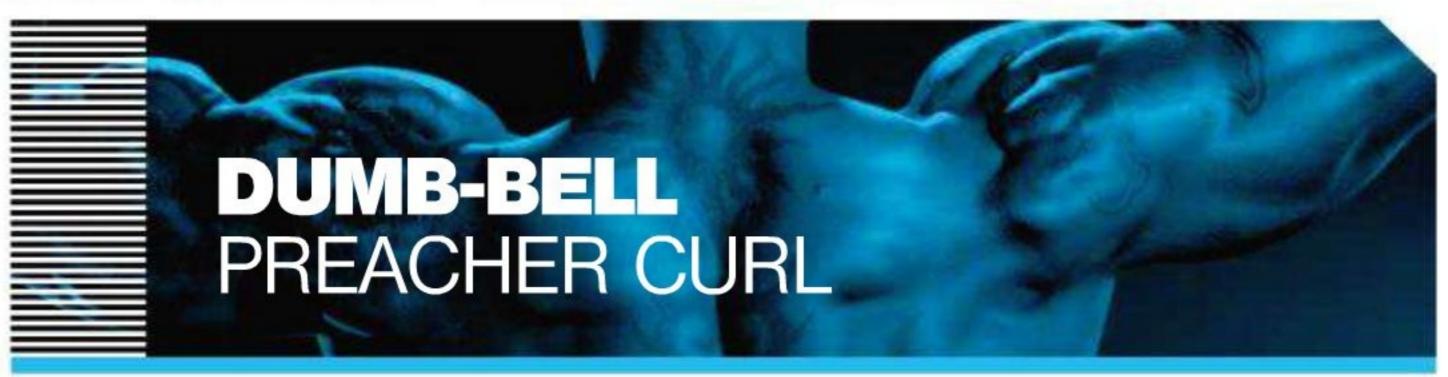












46

By locking your upper arm into place against the pad, you remove assistance from other muscle groups, placing all the emphasis on the biceps.



LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT

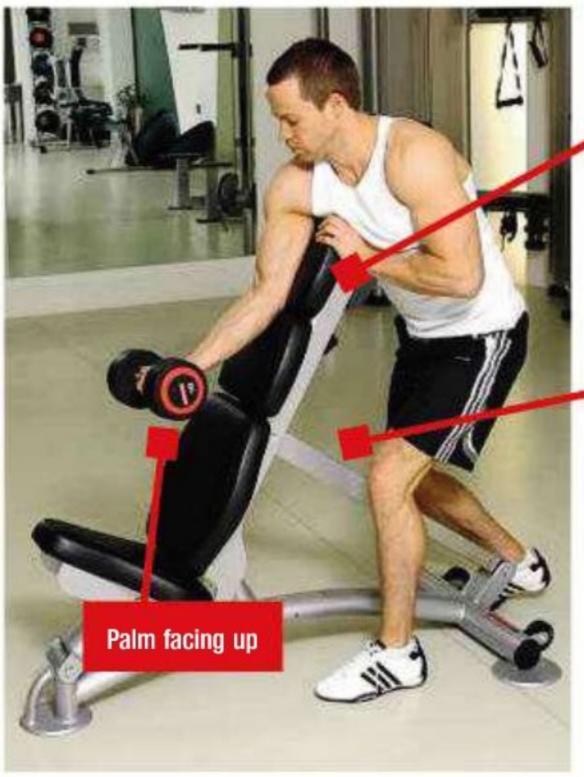


EXPLOSIVE



CORE

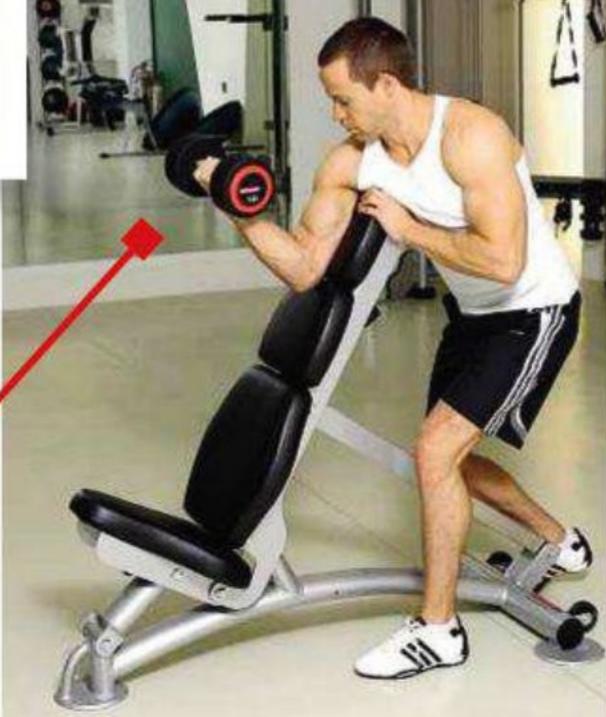




Press your upper arm against the pad

Set the bench just off the vertical

Curl the weight up without lifting your upper arm from the pad







Like the barbell curl, this move allows you to move the maximum weight for your biceps. The zig-zag shaped EZ-bar places your palms in a more natural position than the barbell, putting less stress on your wrists and elbows.

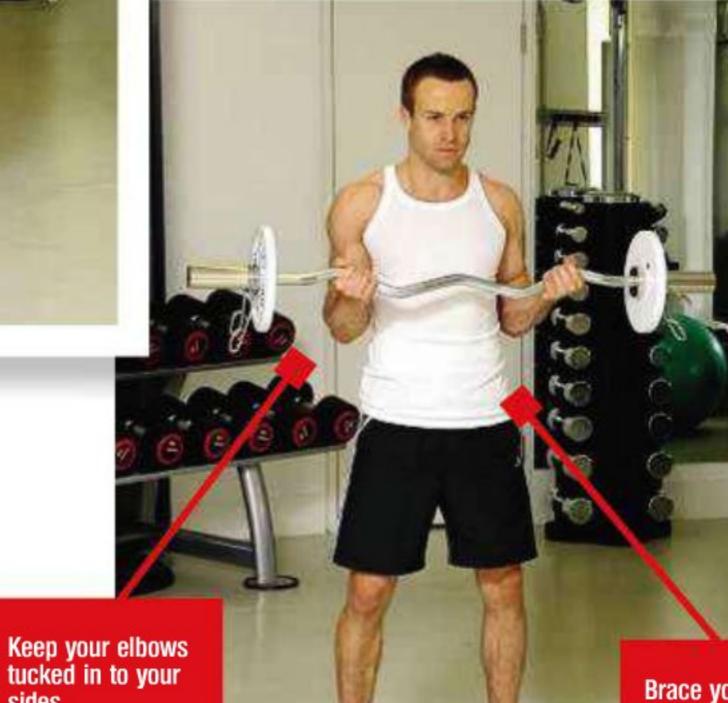






sides

Grip the bar just outside your thighs with palms turned inwards slightly



LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT



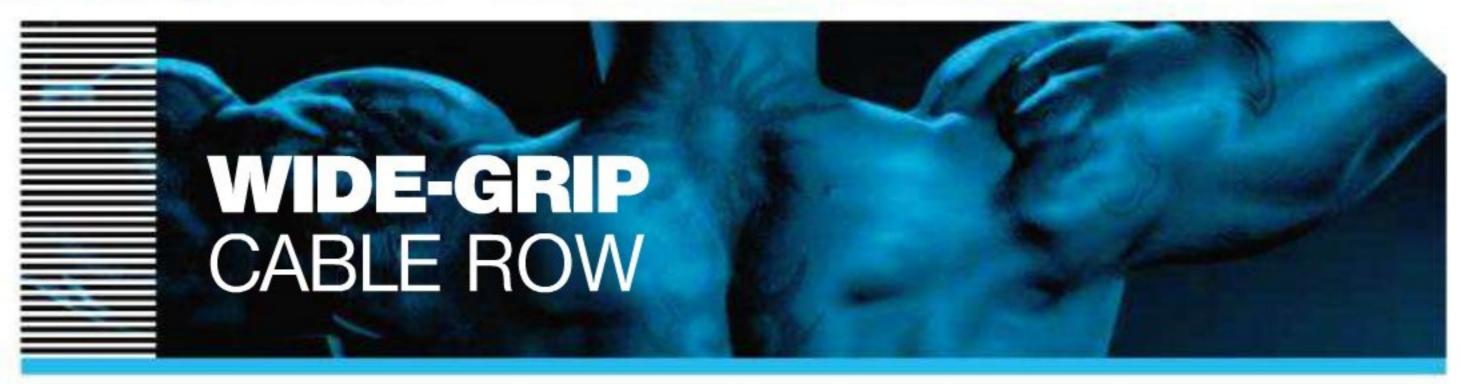
EXPLOSIVE



CORE

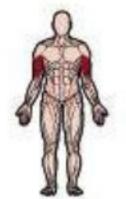


Brace your core to prevent your body from rocking as you curl the bar



48

Use a long bar to shift the emphasis away from your lats and to your traps and rhomboids.





LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



STABILISER



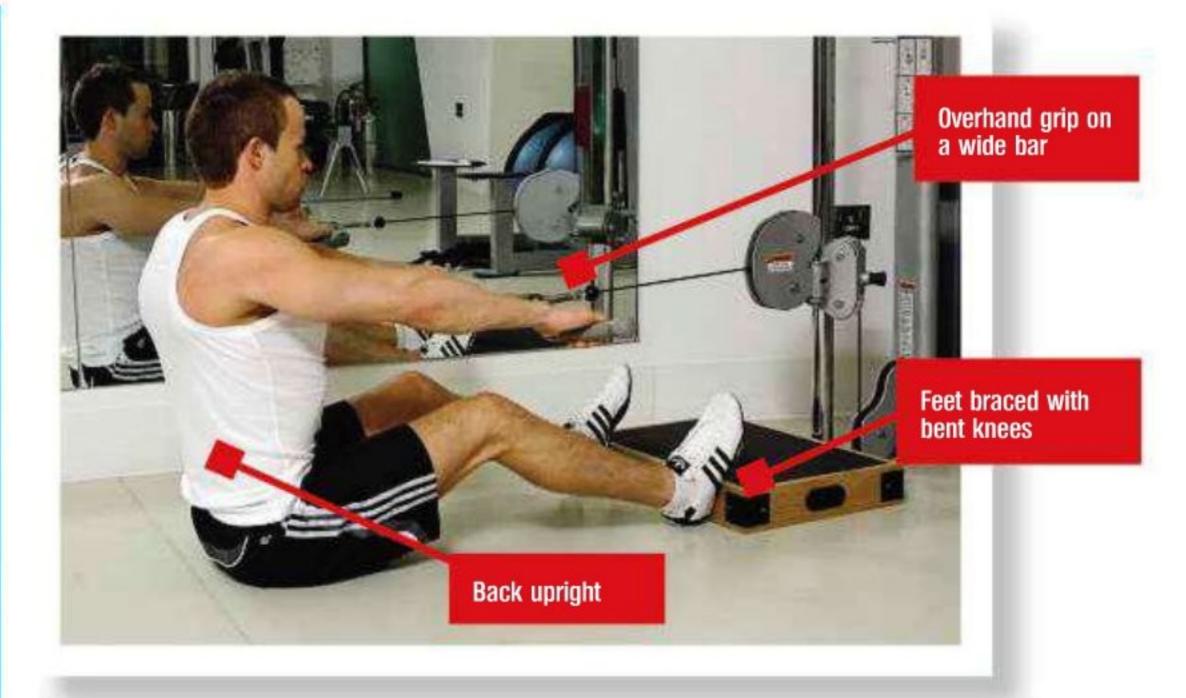
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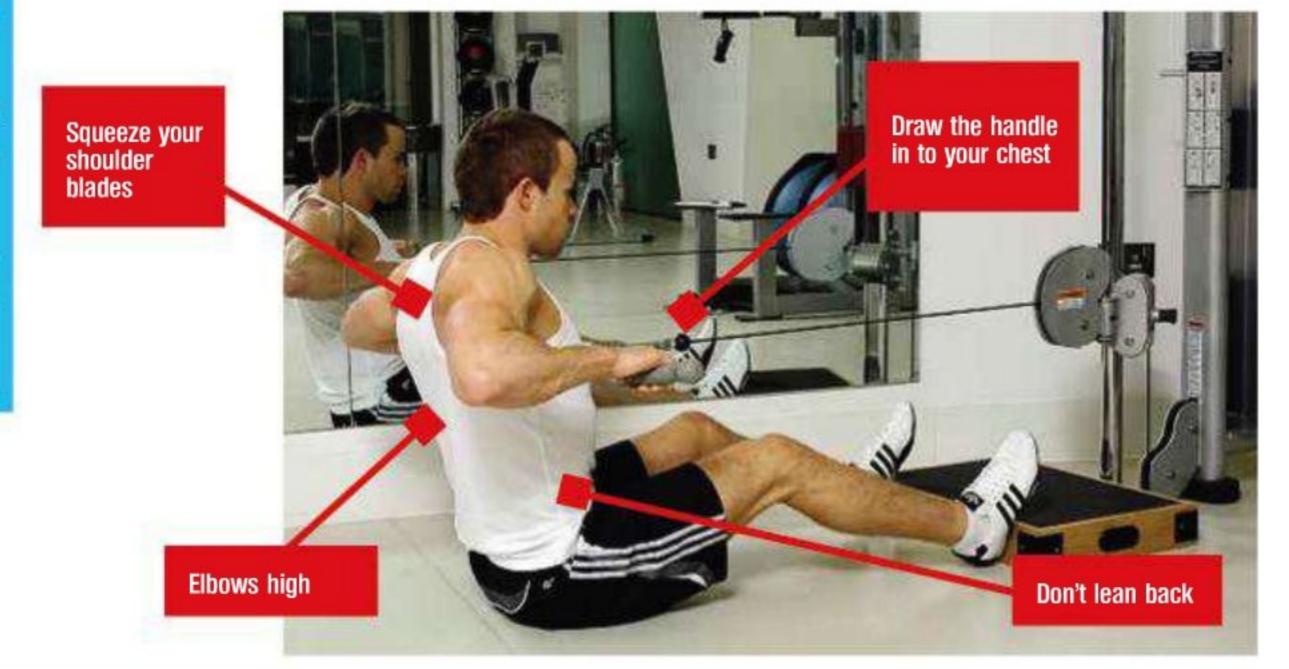


EXPLOSIVE





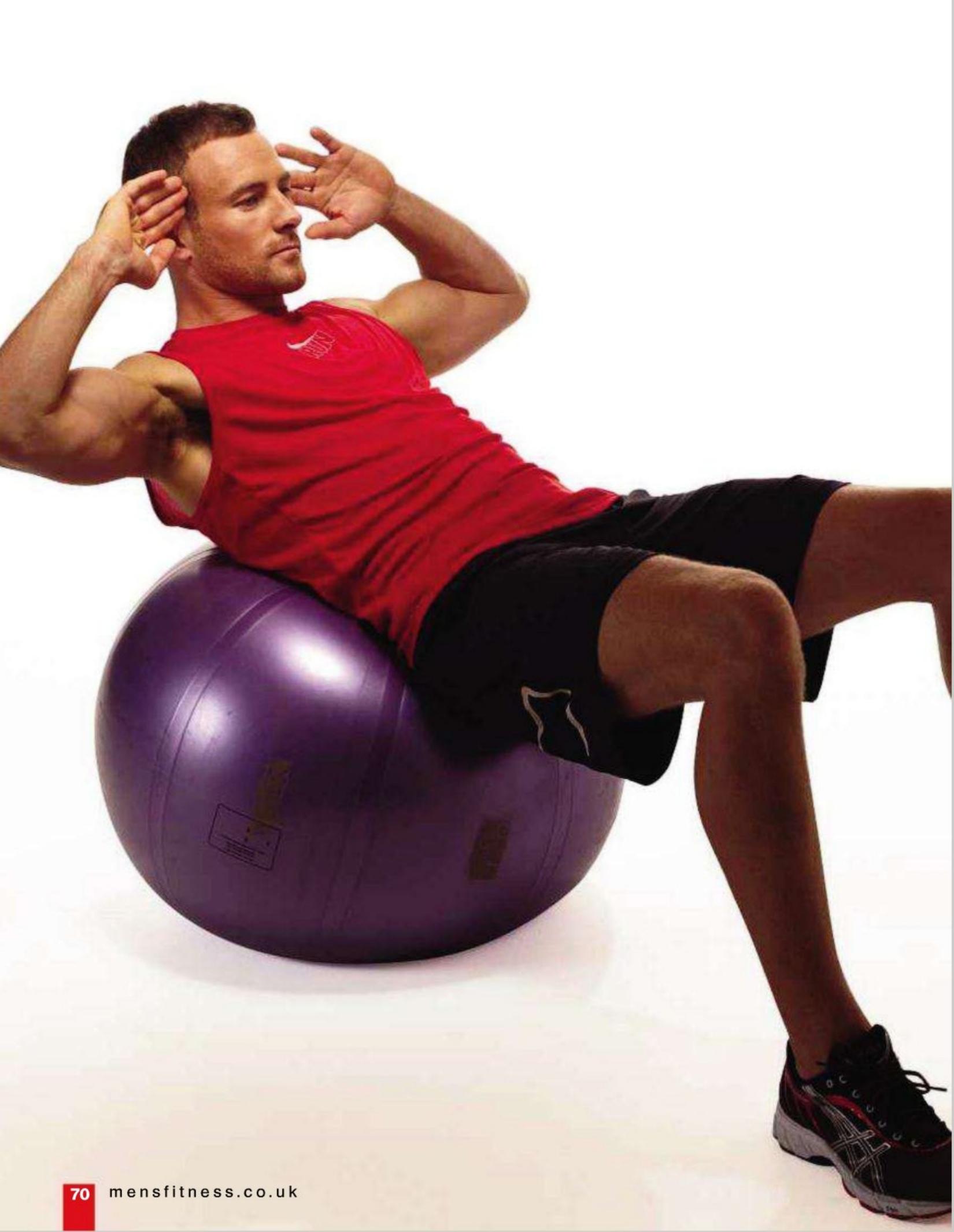






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Abs & core

Your abdominals perform three main functions (or four, if you count making you look better). They stabilise your body, keeping your trunk solid when external forces are acting on it; they're responsible for forward bending and rotational movements; and they control side bending and back extension movements. These are the four main muscles in the group.

Transversus abdominis

The transverses abdominis is a deeplying muscle that runs across your torso from side to side, holding your ribs in place and stabilising your pelvic area.

Internal obliques

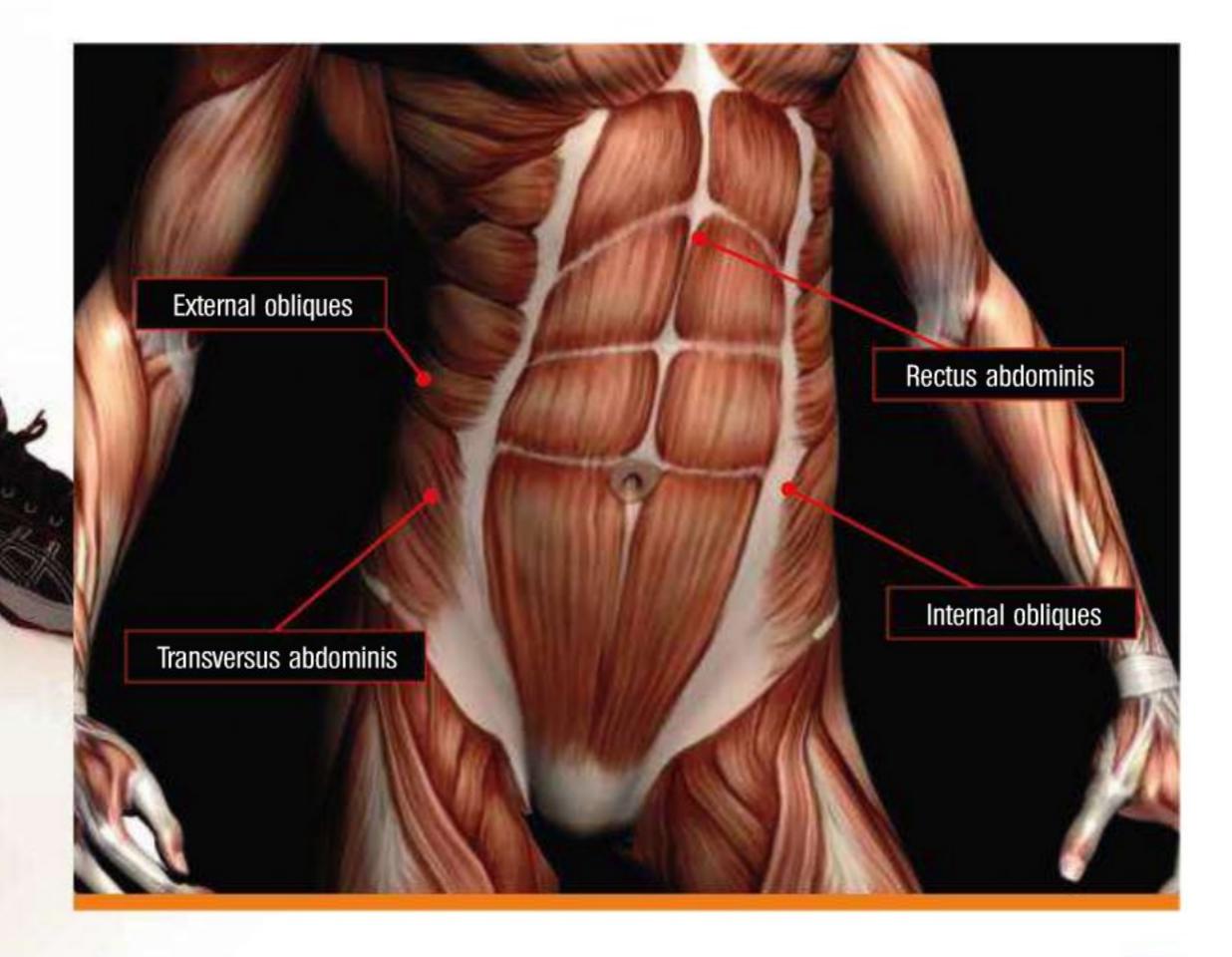
These run upwards from your hip, allowing you to bend and rotate to the sides.

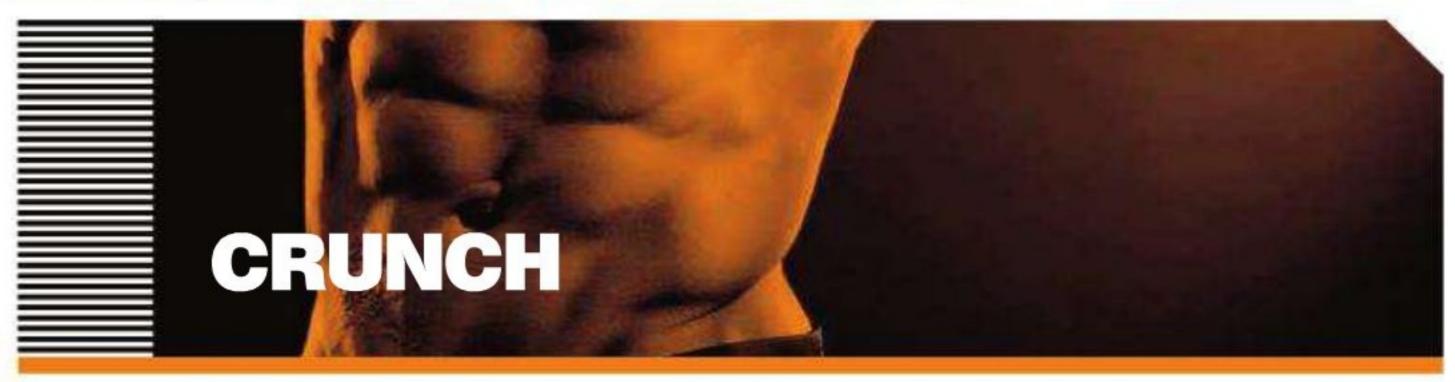
External obliques

These lie above the internal obliques, and work alongside others to bend and rotate your torso.

Rectus abdominis

At the front of your stomach is your rectus abdominis – the abs. This sheet of muscle is separated into segments, giving you the classic sixpack look when it is developed.





49

The original abs move. Remember to keep the pace slow, especially as you lower back down, to keep the maximum tension on your stomach muscles.









SOLATION



STABILISER



FORM ALERT

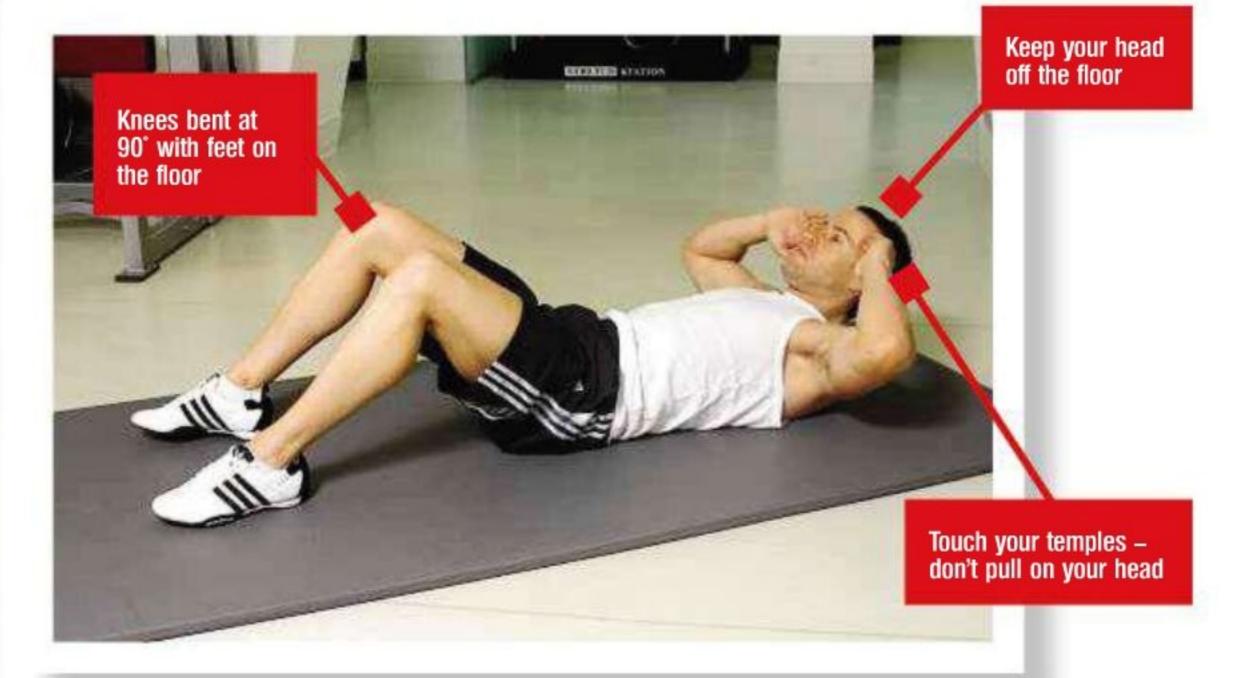


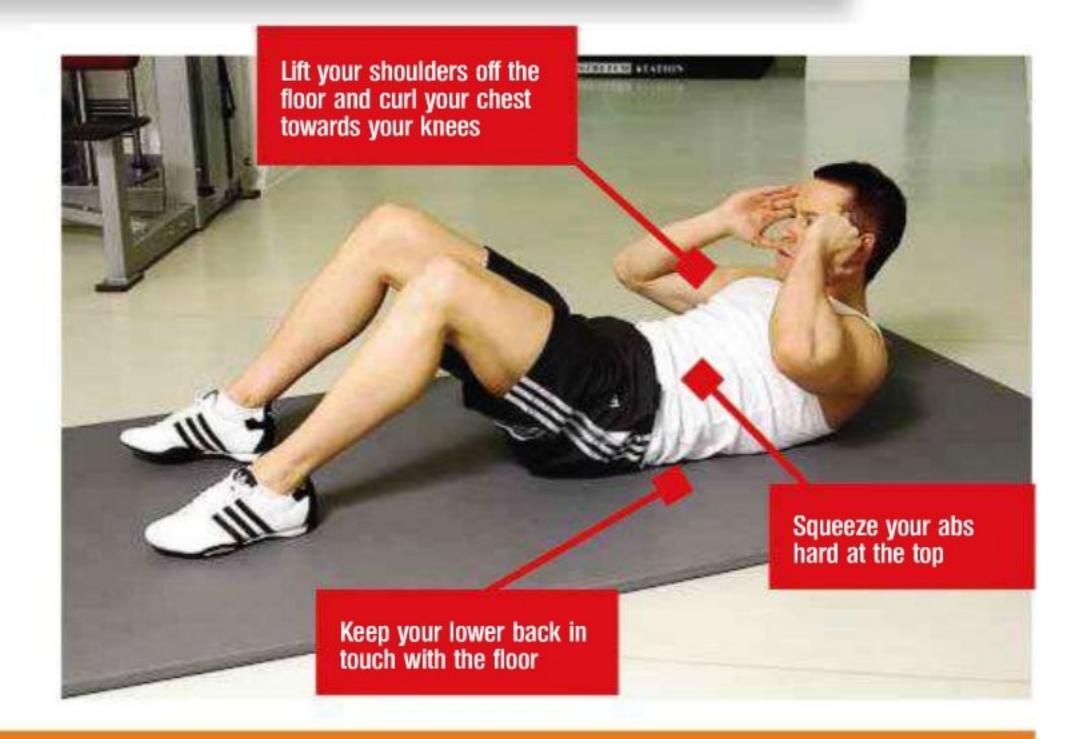
EXPLOSIVE



CORE

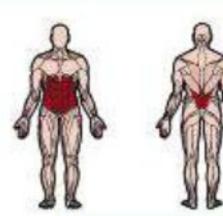


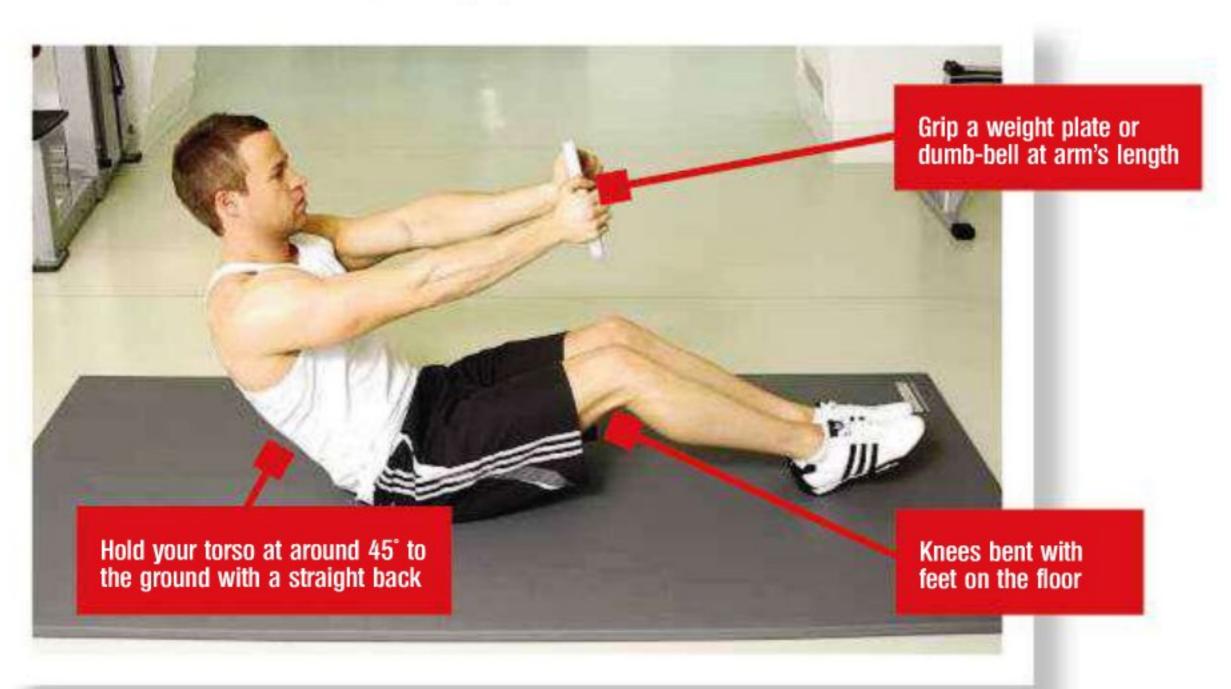


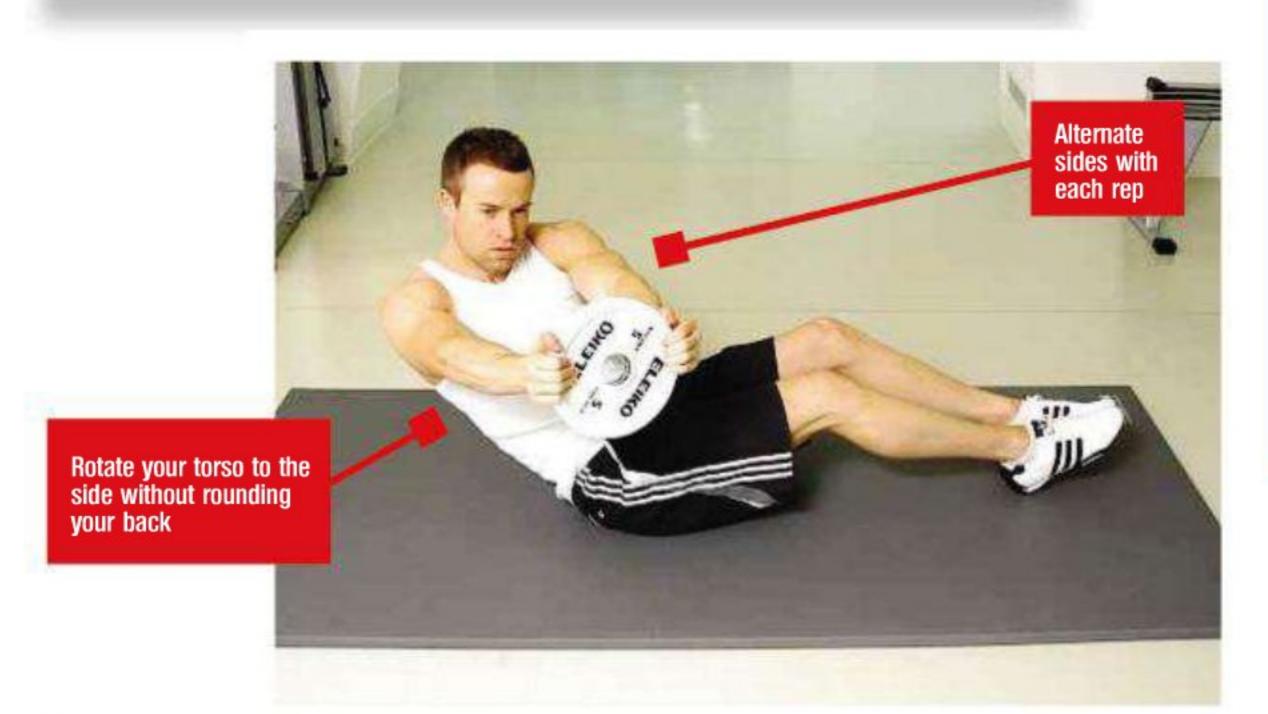




Build power for sport with a move that requires you to maintain an angled body position while twisting through your torso.

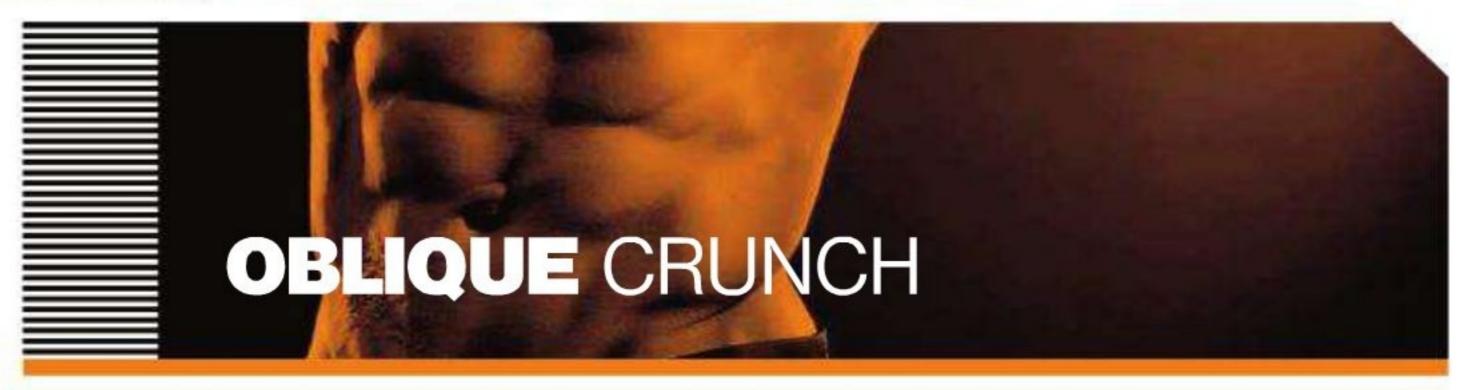








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This move targets your side abs. Hold the 'up' position for a one-count and lower slowly again to stop momentum from doing the work.



LIGHT WEIGHTS



GO HEAVY



COMPOUND



SOLATION



STABILISER



FORM ALERT

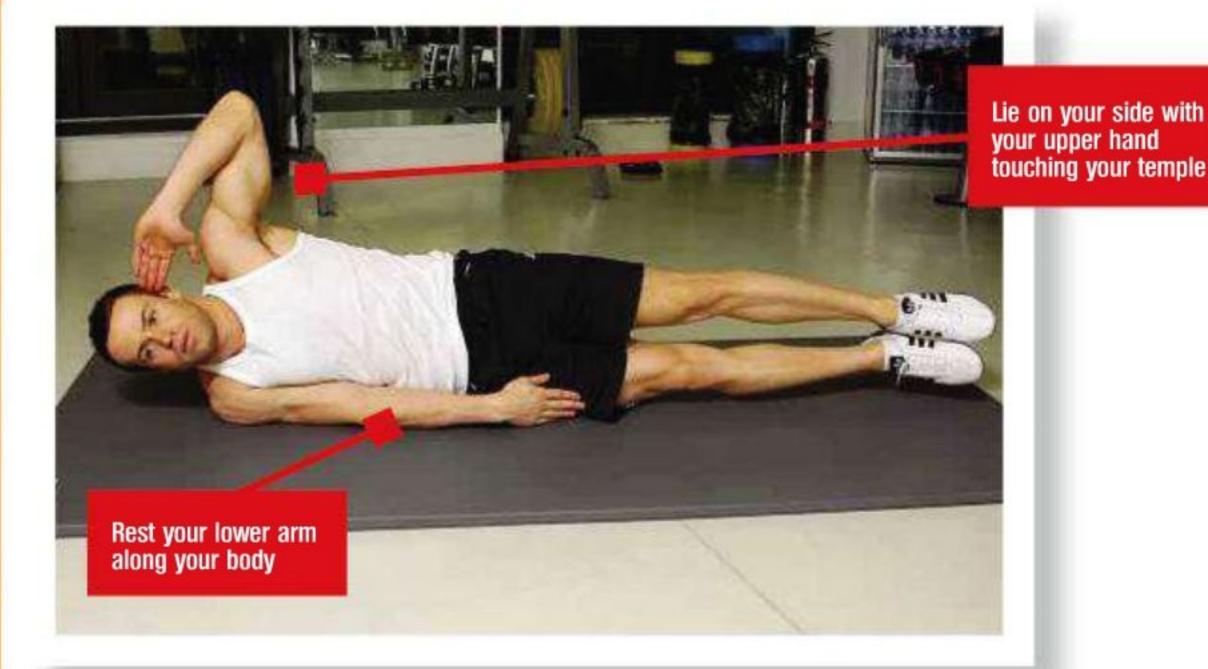


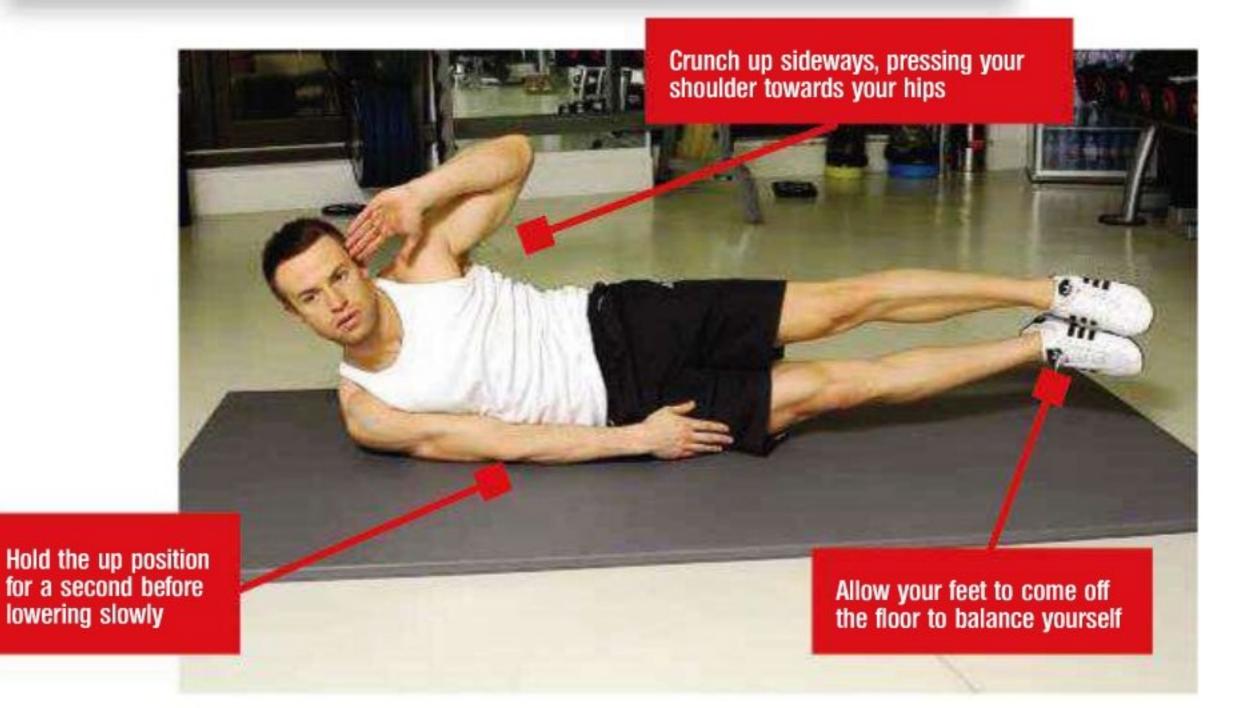
EXPLOSIVE



CORE









By lifting your legs towards your chest you place most of the emphasis on the lower portion of your abs.



LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT



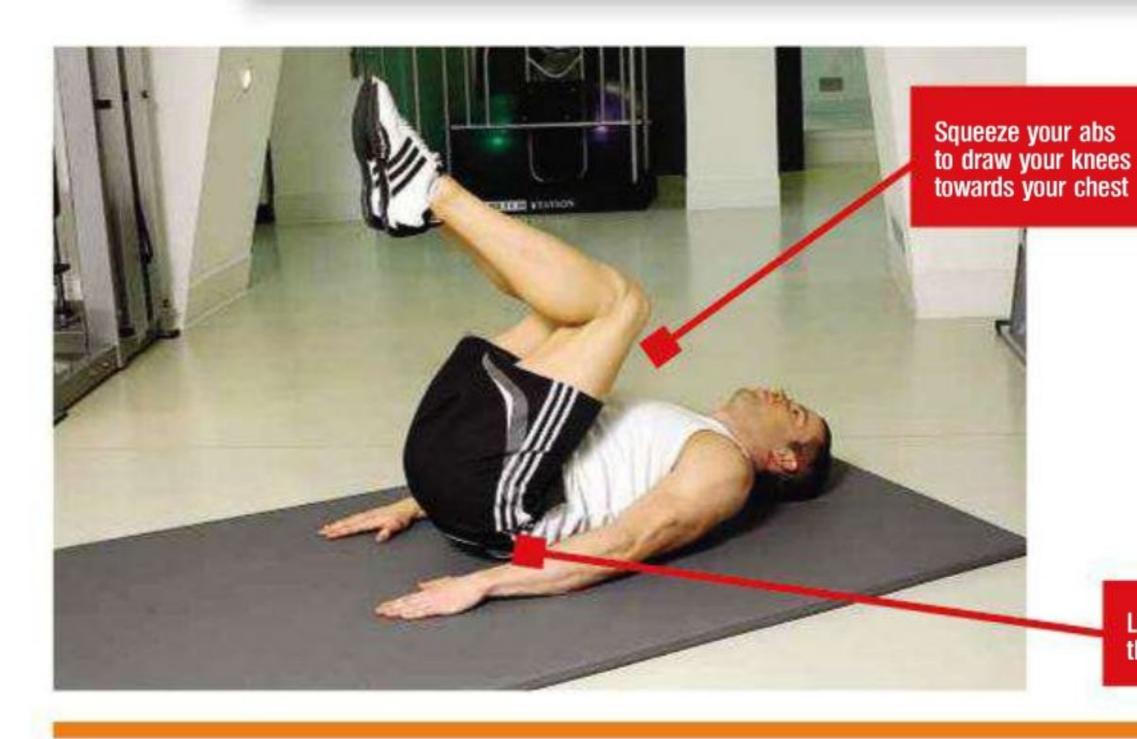
EXPLOSIVE



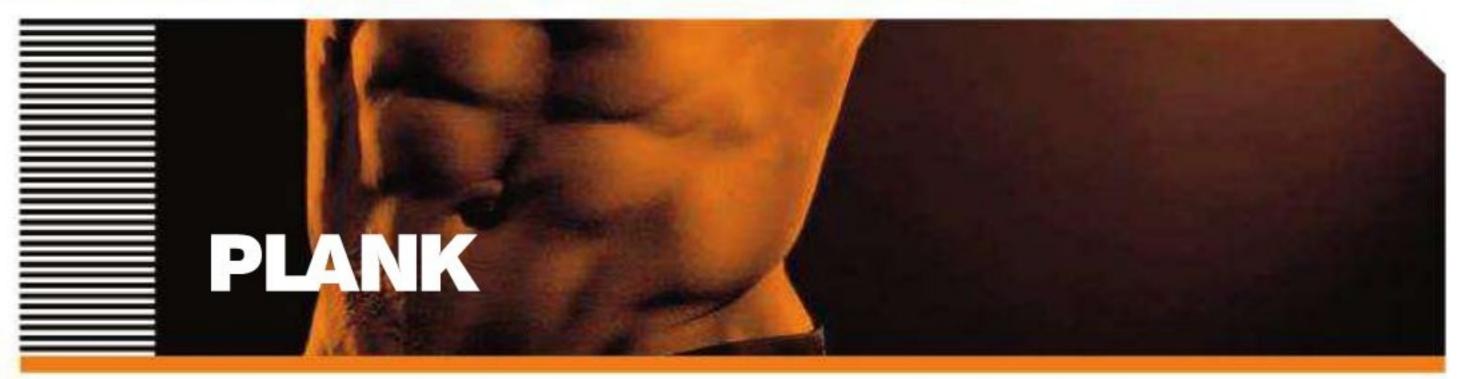
CORE



Thighs vertical with knees Lie flat with your arms by your sides bent at 90° for support COURSE STATION.



Lift your hips off the floor



53

This classic stability move strengthens your deep core muscles, helping to improve posture and protect your lower back from injury during heavy lifts such as squats and deadlifts.





LIGHT WEIGHTS

GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT

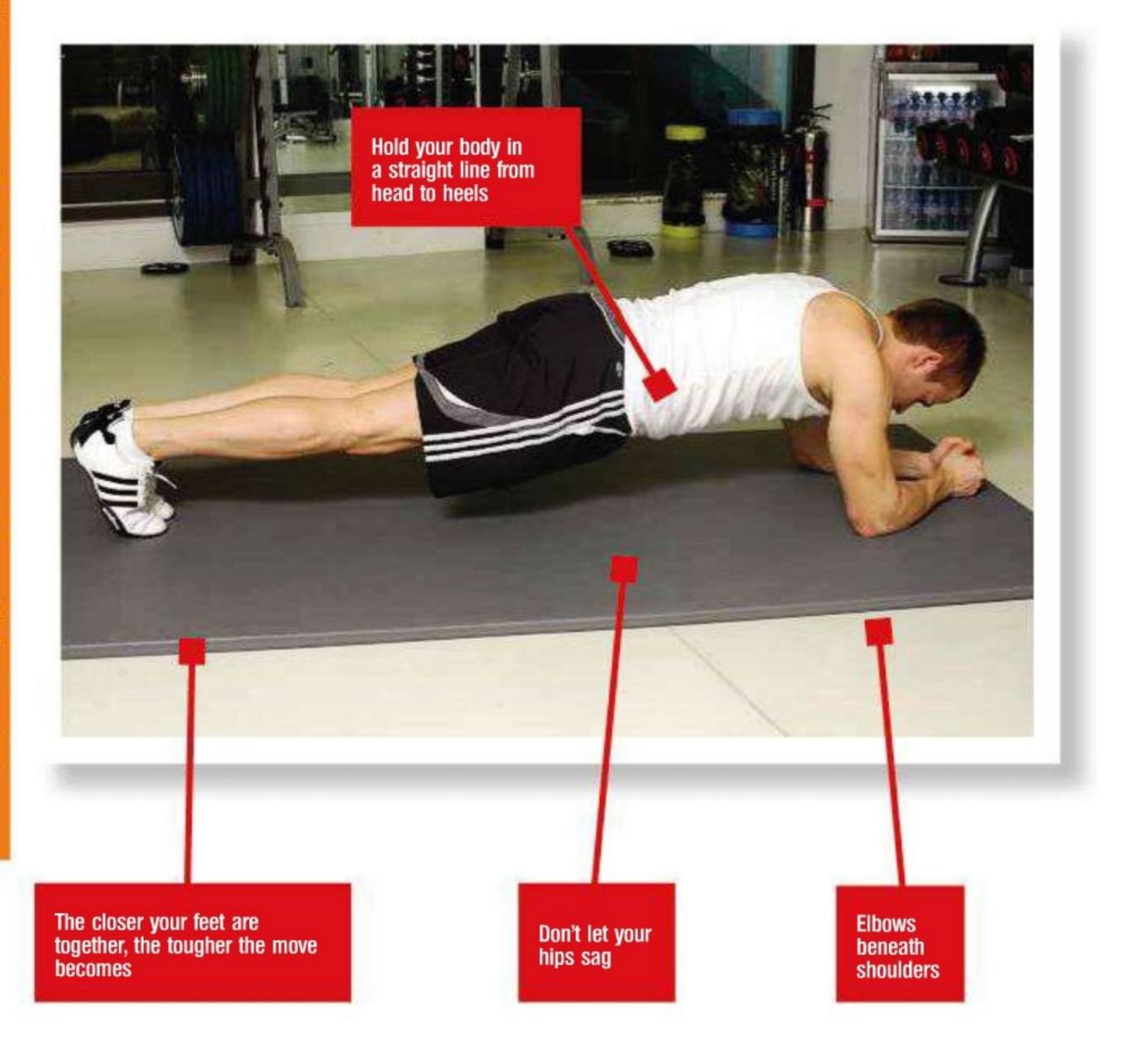


EXPLOSIVE



CORE







As well as providing an unstable surface that trains your deep stabiliser muscles, the gym ball also allows you to get a greater range of motion over the standard crunch, giving your abs a better workout.



LIGHT WEIGHTS

GO HEAVY

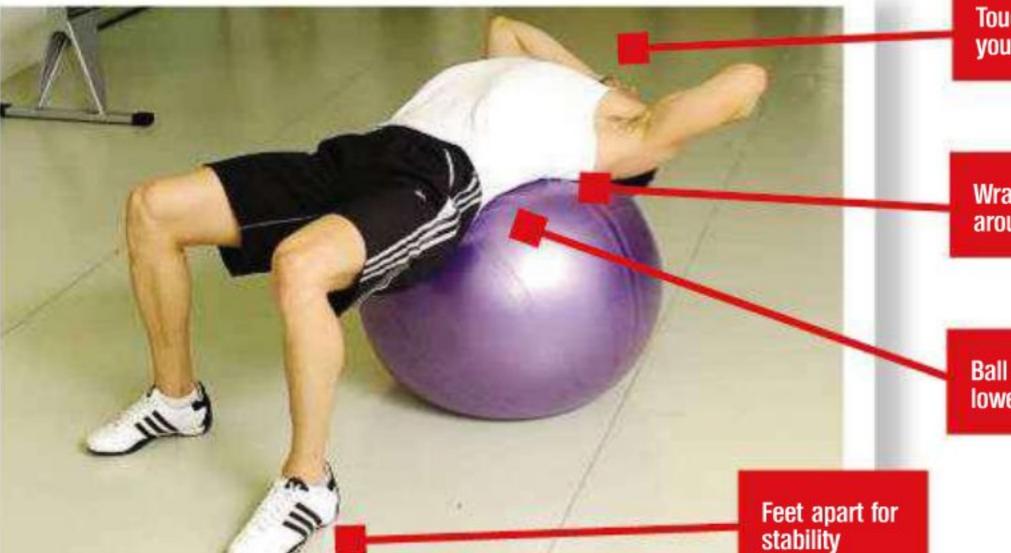
COMPOUND

STABILISER

FORM ALERT

EXPLOSIVE

CORE



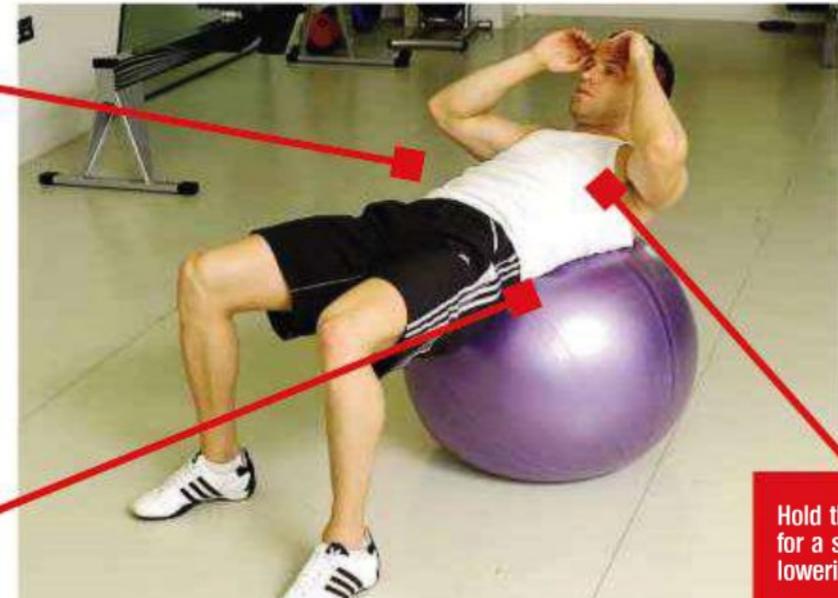
Touch your fingers to your temples

Wrap your body around the ball

Ball beneath your lower back

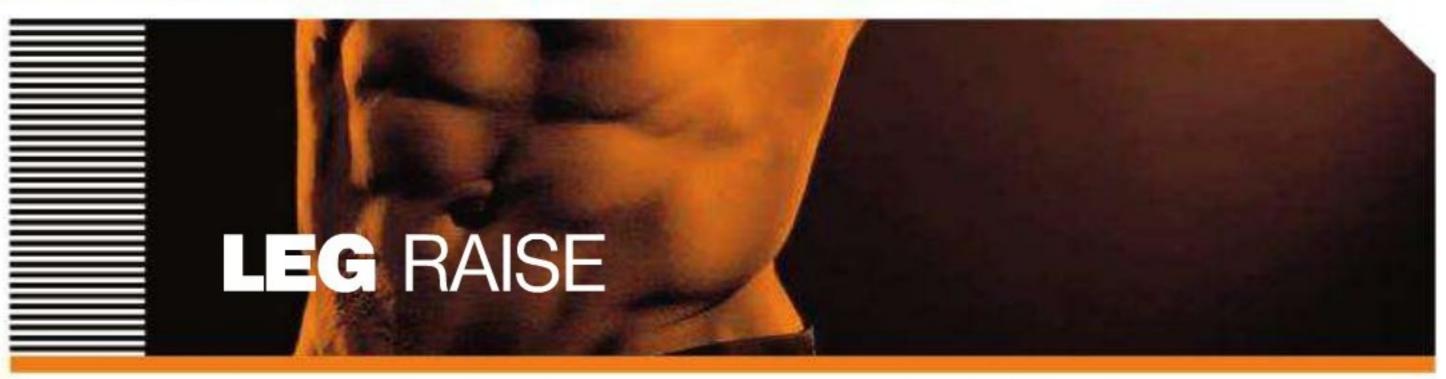
ISOLATION

Use your abs to pull your shoulders up as much as possible



Hold the up position for a second before lowering slowly

Don't lift your lower back off the ball



55

This move can be tough, not least because you have to hang from the bar for the duration of each set. If you raise just your legs, you'll mainly be working your hip flexor muscles rather than your abs, so aim to draw your knees to your chest to work your abs hard.



LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT

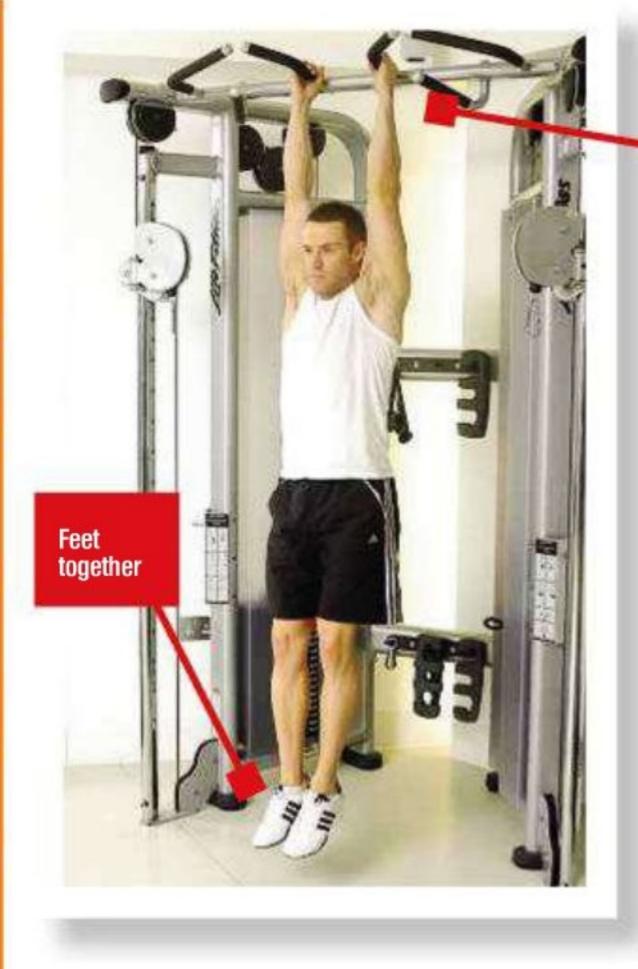


EXPLOSIVE



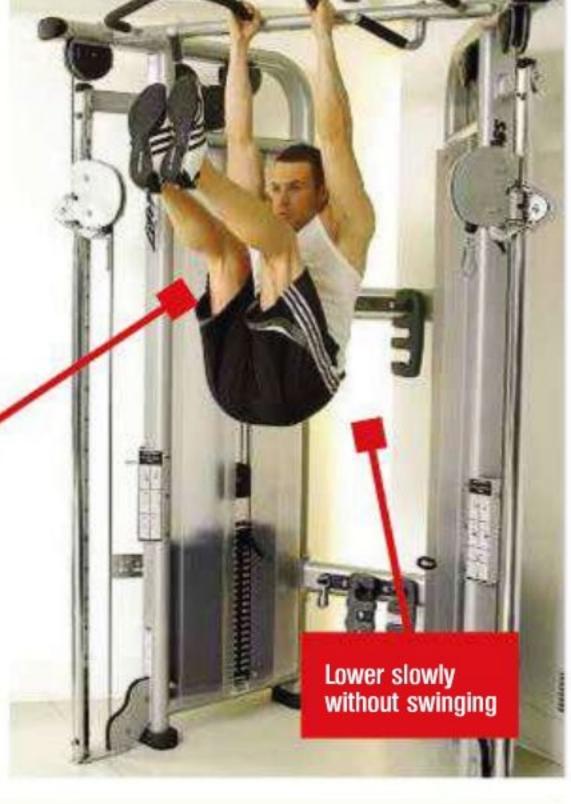
CORE

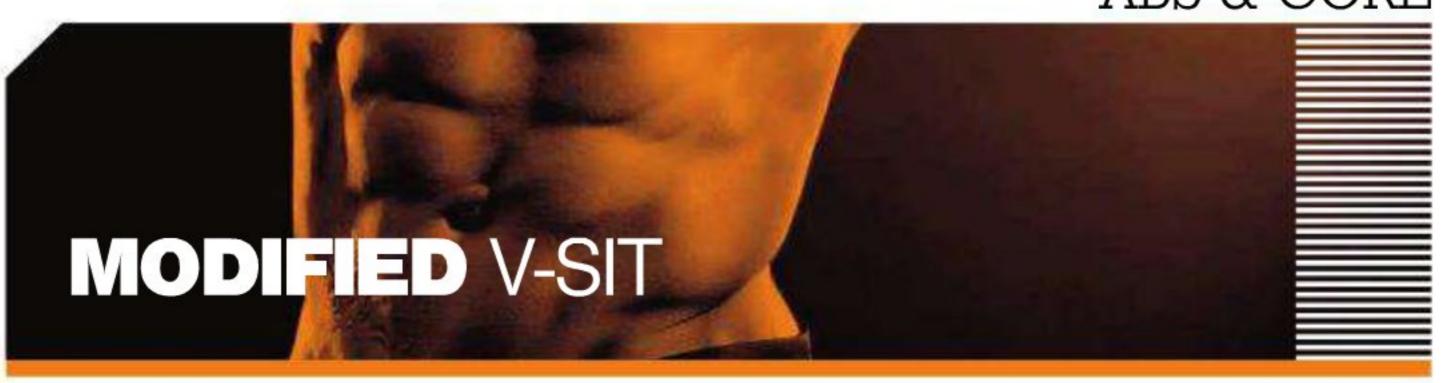




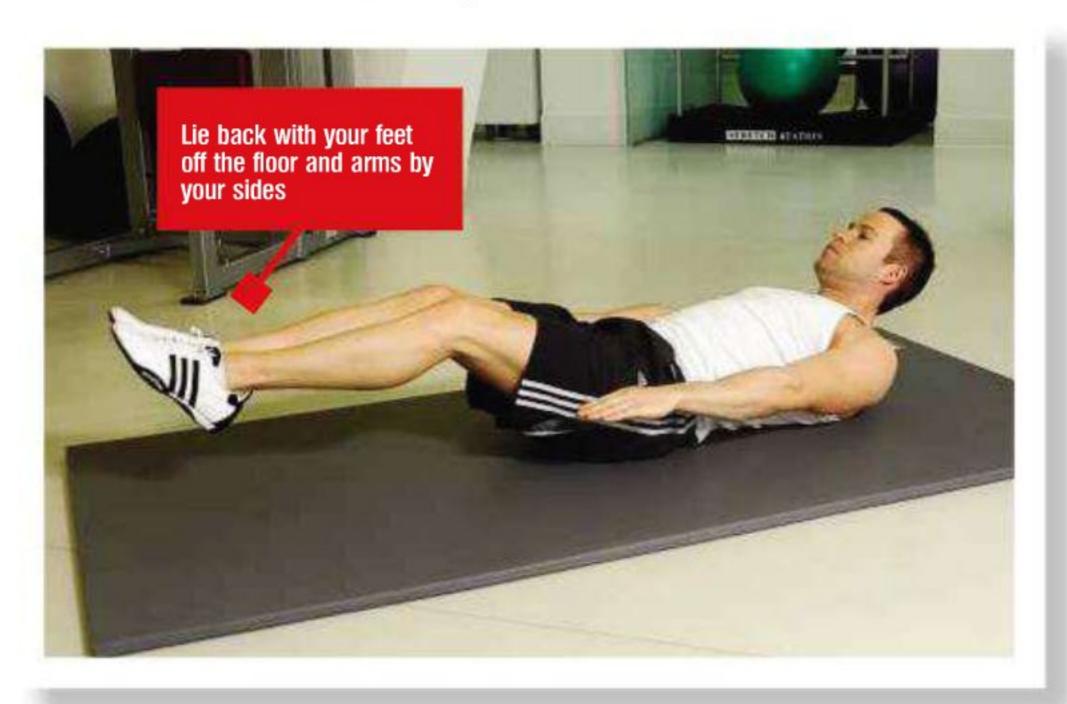
Hang from a pull-up bar (some gyms provide elbow straps if you find it hard to hang on for the full set)

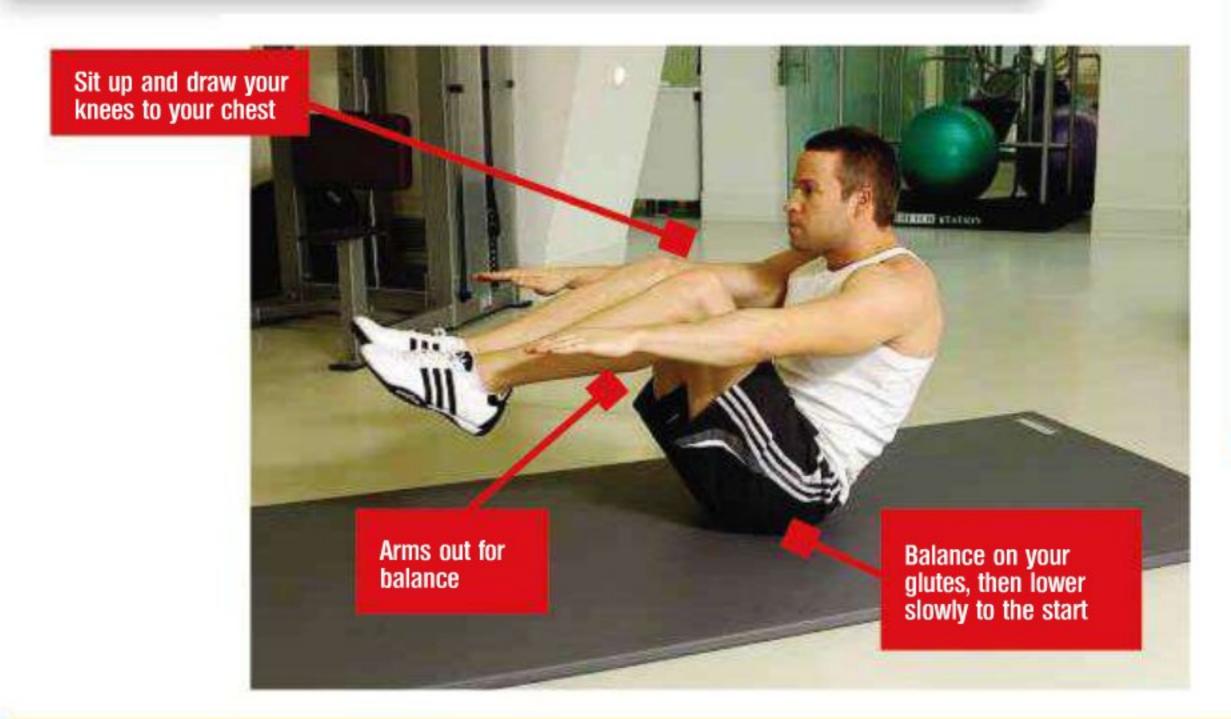
Use your abs to draw your knees to your chest





This requires a certain amount of balance and co-ordination because you need to keep your weight centred over your glutes to avoid falling forwards or backwards.











GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT



EXPLOSIVE



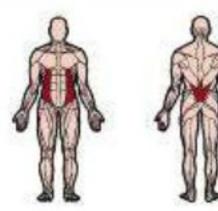
CORE





Hold your body in a straight line from

Like the standard plank, this exercise trains the deep core muscles to help stabilise your spine during heavy lifts and sporting movements.



LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT

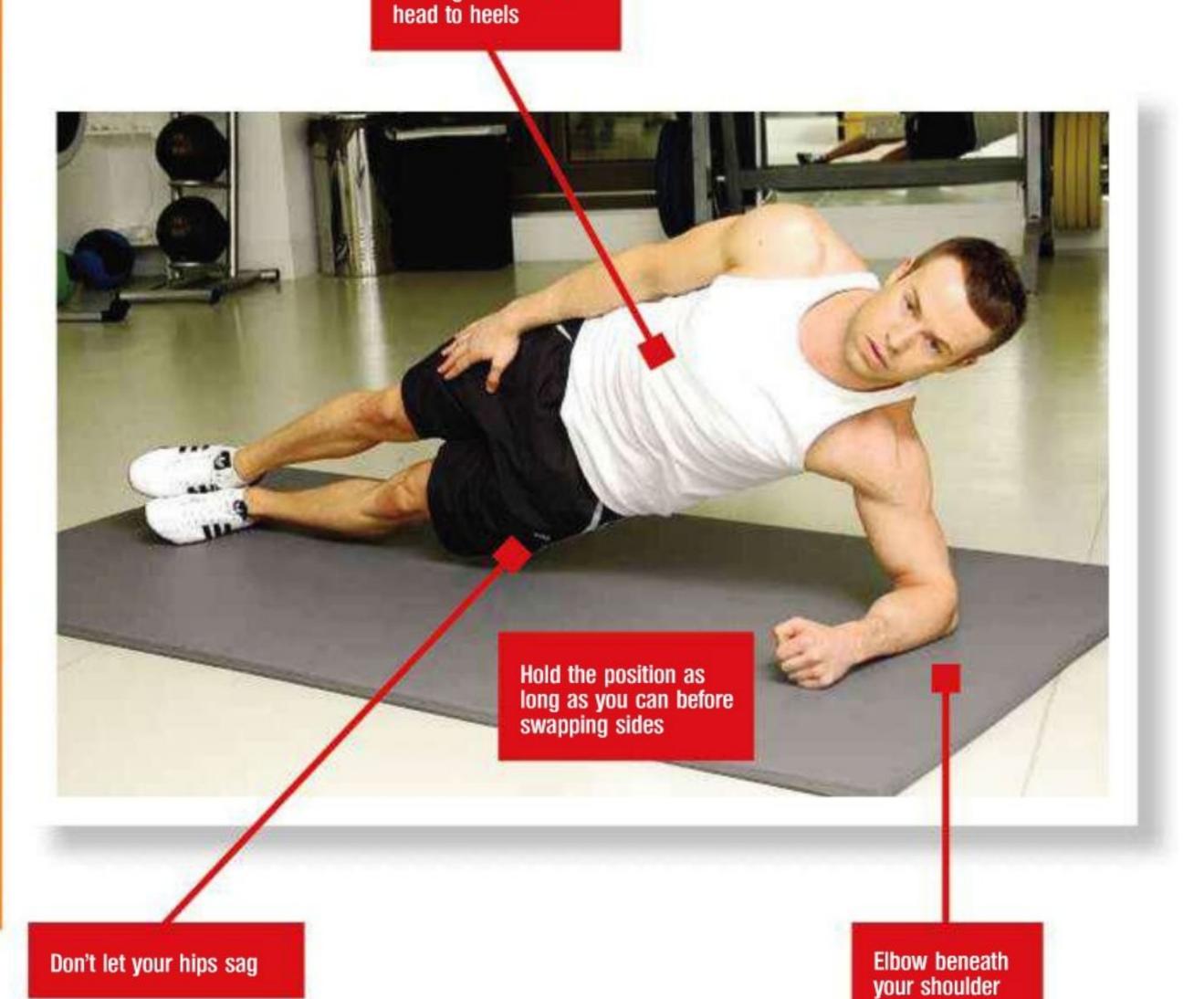


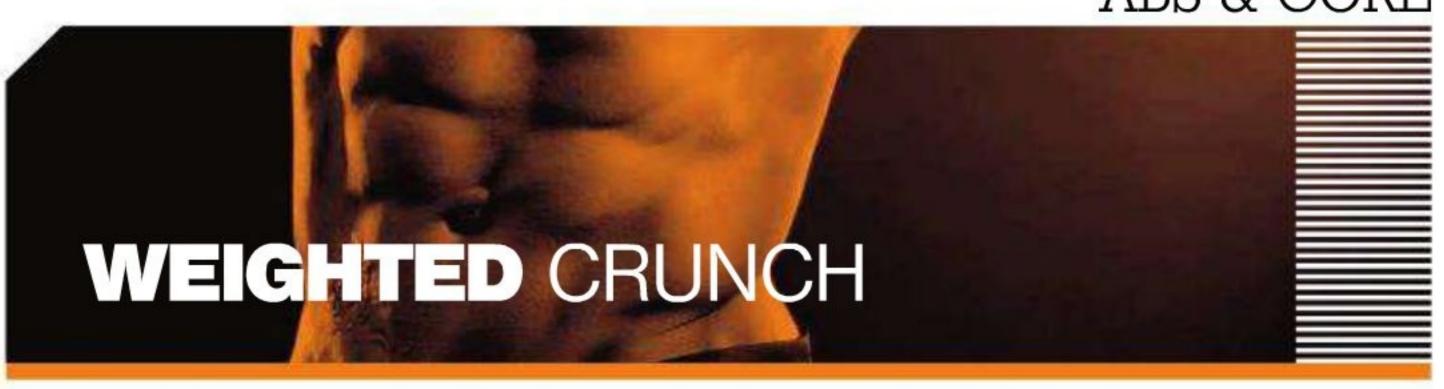
EXPLOSIVE



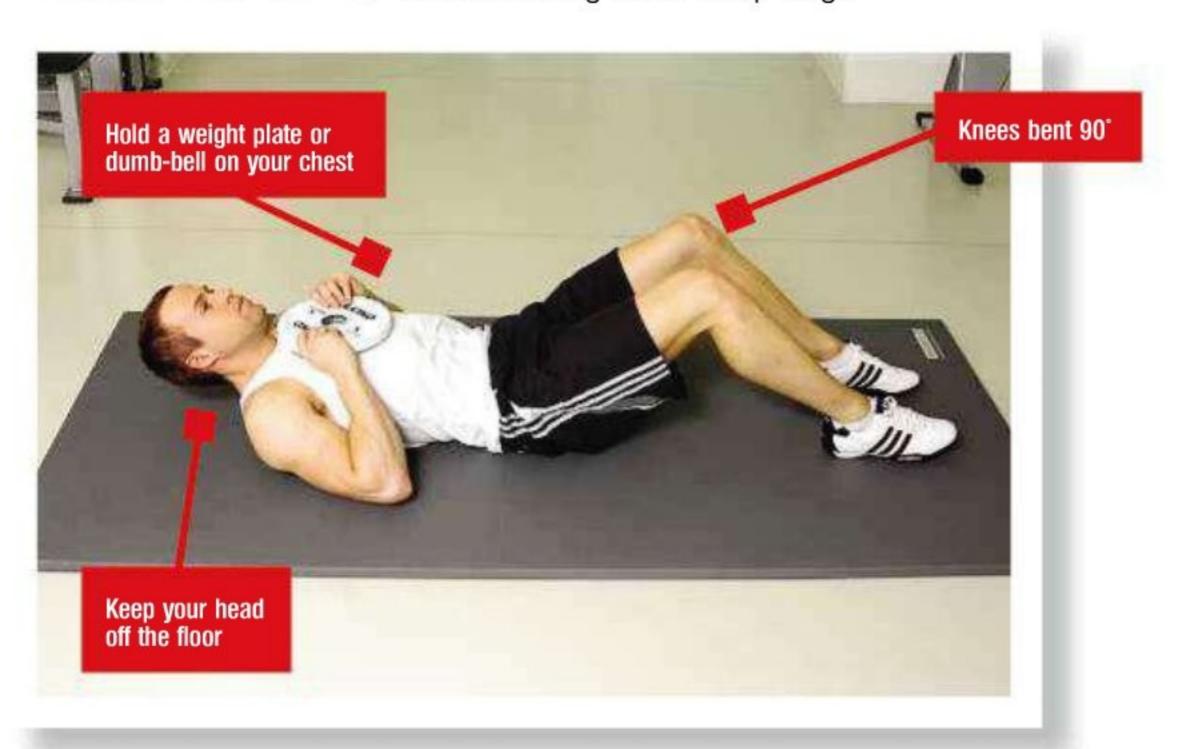
CORE

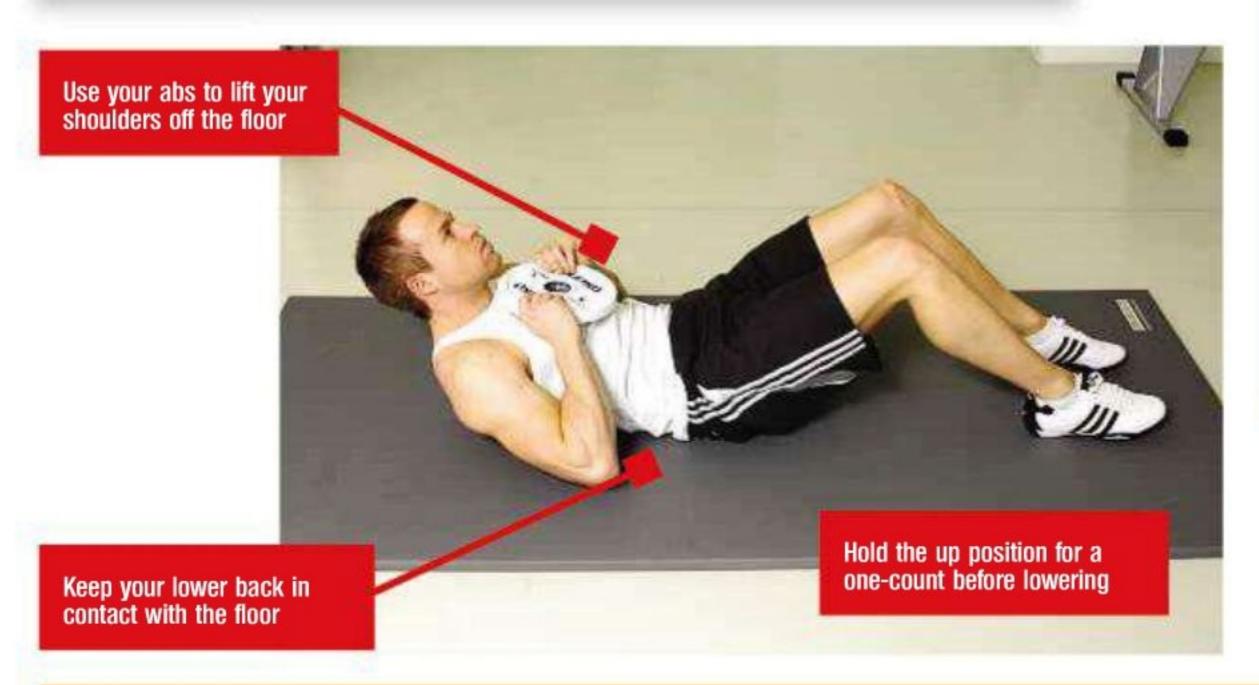






By holding a weight plate or dumbbell across your chest when doing crunches, you can adjust the resistance so that you get near to failure within the muscle-building ten-to-12 rep range.













COMPOUND



ISOLATION



STABILISER



FORM ALERT



EXPLOSIVE



CORE





59

Pull your knees up to the sides to give your side abs (obliques) a workout. The straighter your legs, the tougher the exercise.



LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT

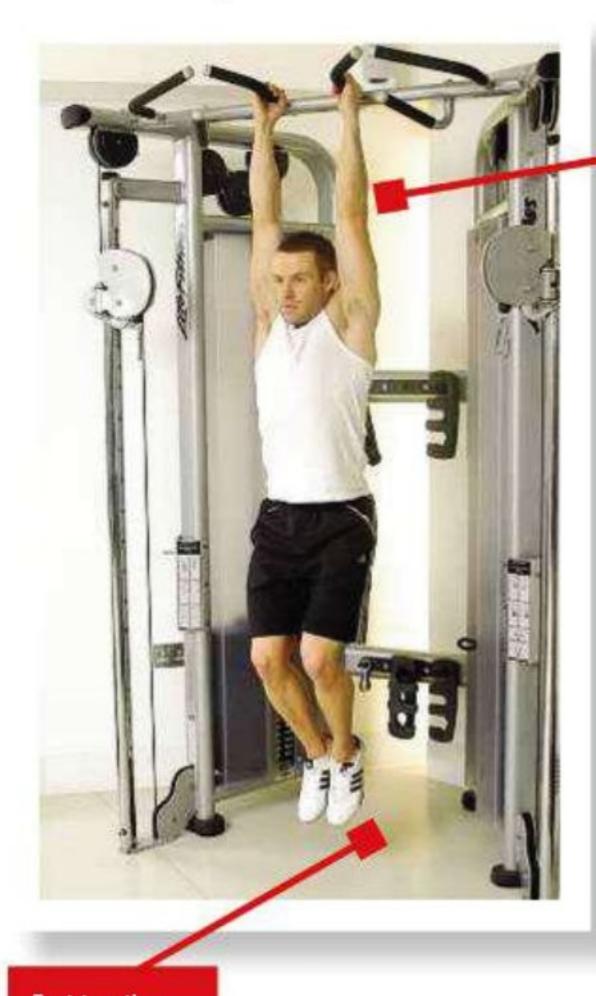


EXPLOSIVE



CORE





Feet together

Use your abs to lift your hips as high as you can

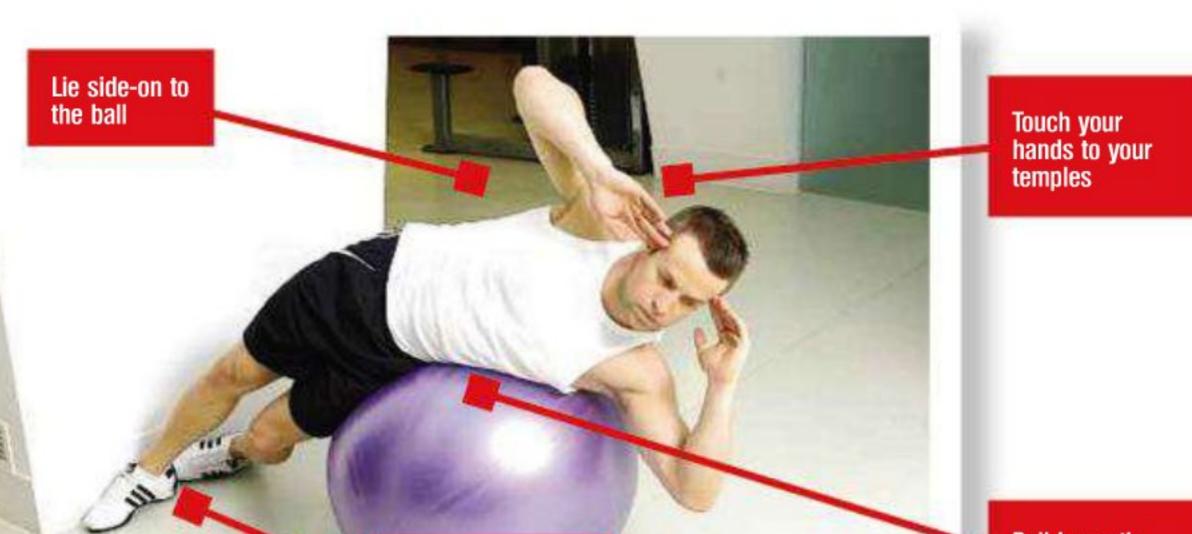
Hang from a pull-up bar without swinging

Draw your knees up and to the side

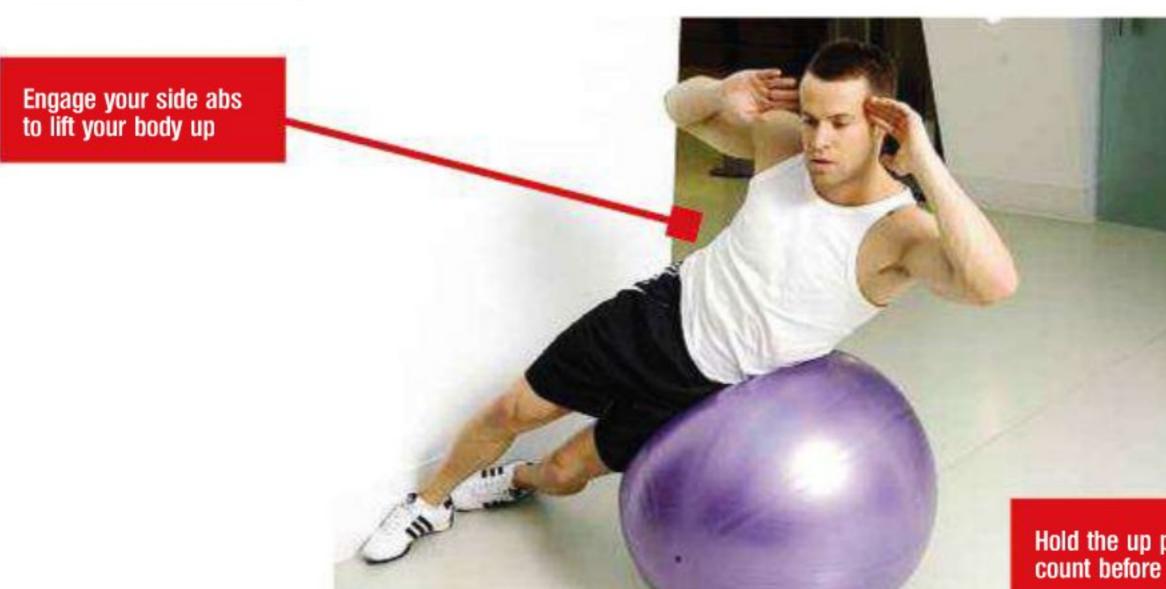


The gym ball lets you get a greater range of motion on this move. Press your feet against a wall to hold your body on the ball.

Brace your feet against a wall



Ball beneath your hips





LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT



EXPLOSIVE



CORE



Hold the up position for a one-count before lowering slowly





The cable keeps a constant tension on your muscles, developing core power for sports that require twisting and throwing movements.



Arms straight at

chest height



LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT

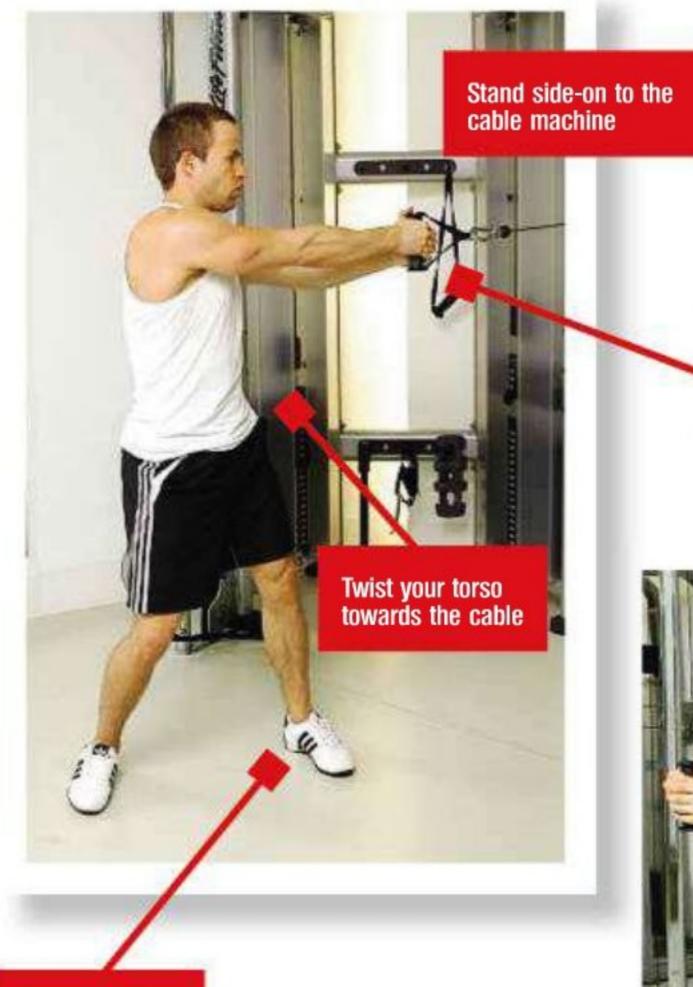


EXPLOSIVE



CORE



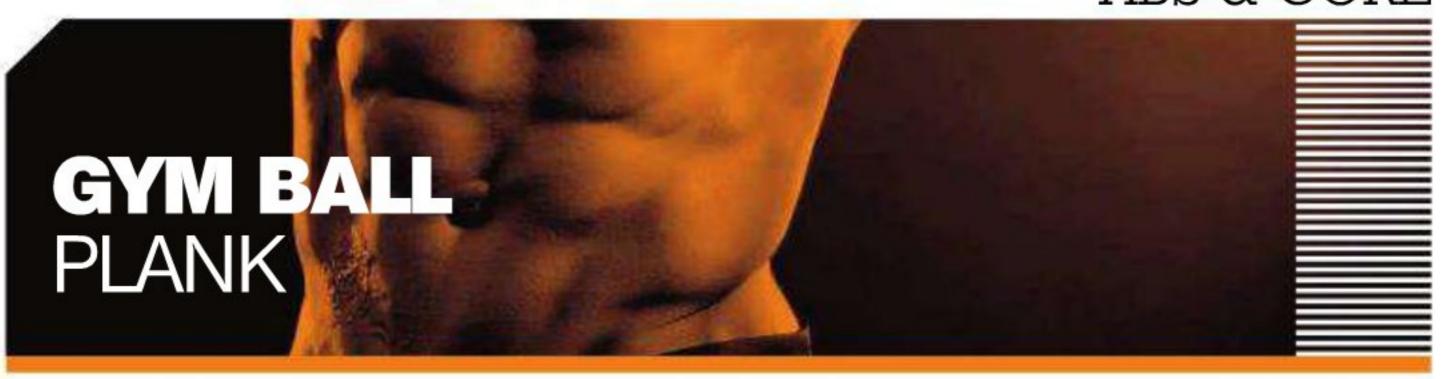


Stand far enough from the cable to ensure that it is under tension at all times

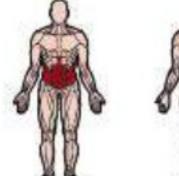
Feet apart for balance

> Twist your torso as far as you can while keeping your back straight

ABS & CORE

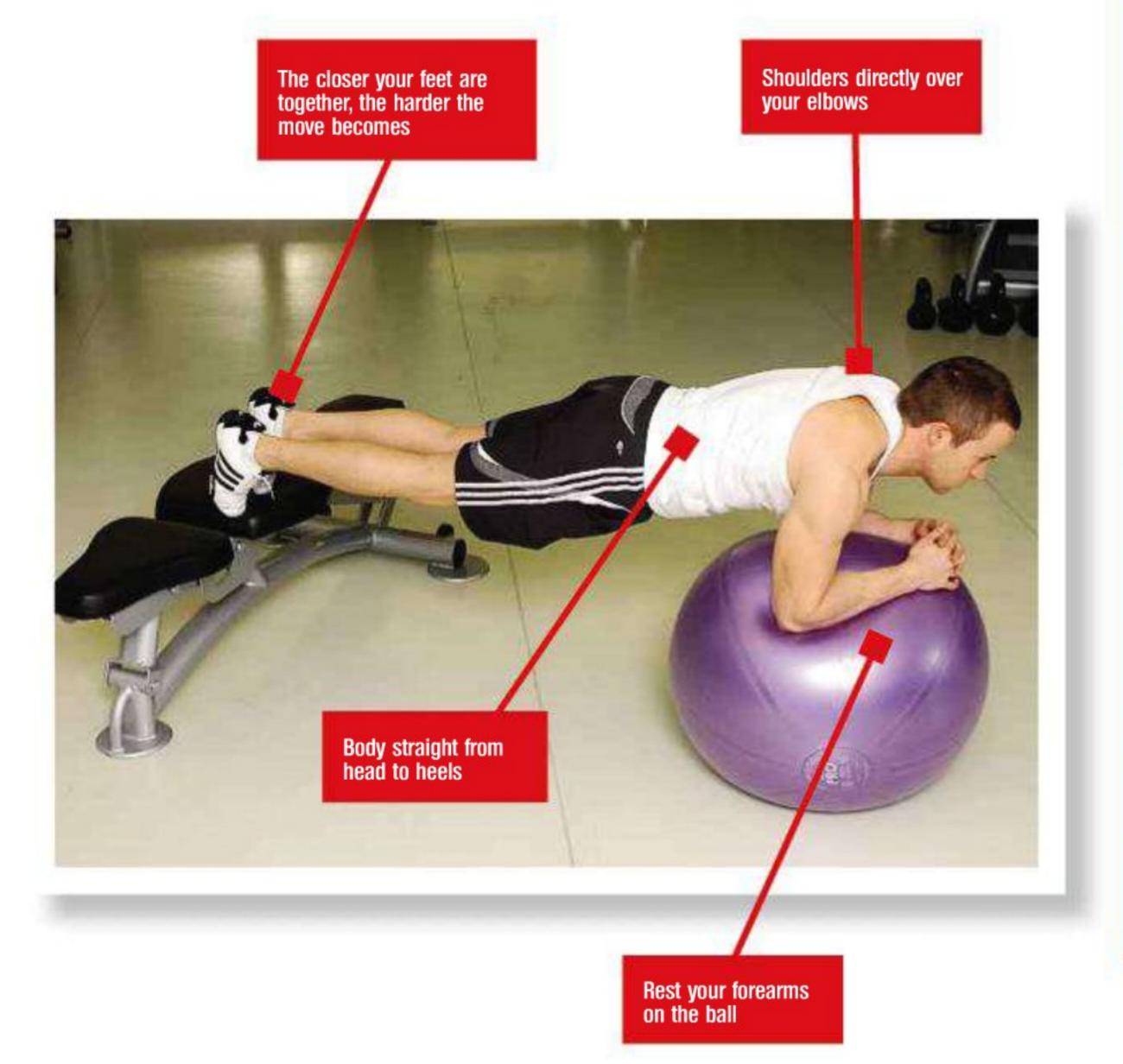


Preventing the ball from wobbling requires strong core muscles. Aim to increase the time you hold the plank by ten seconds each time you try it.

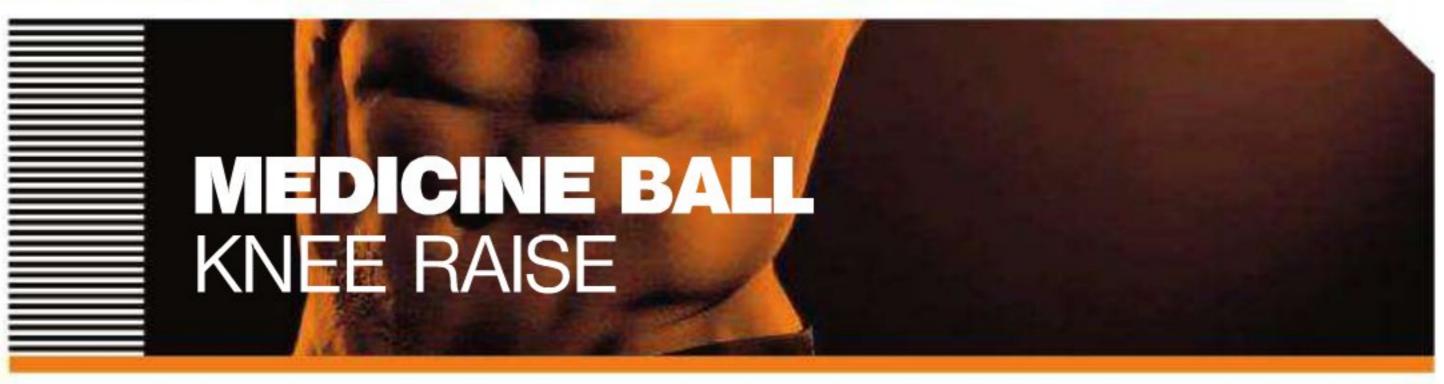




LIGHT WEIGHTS







63

Adding resistance to this tough move will limit the number of reps you can perform, giving your abs a muscle-building stimulus.



LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT

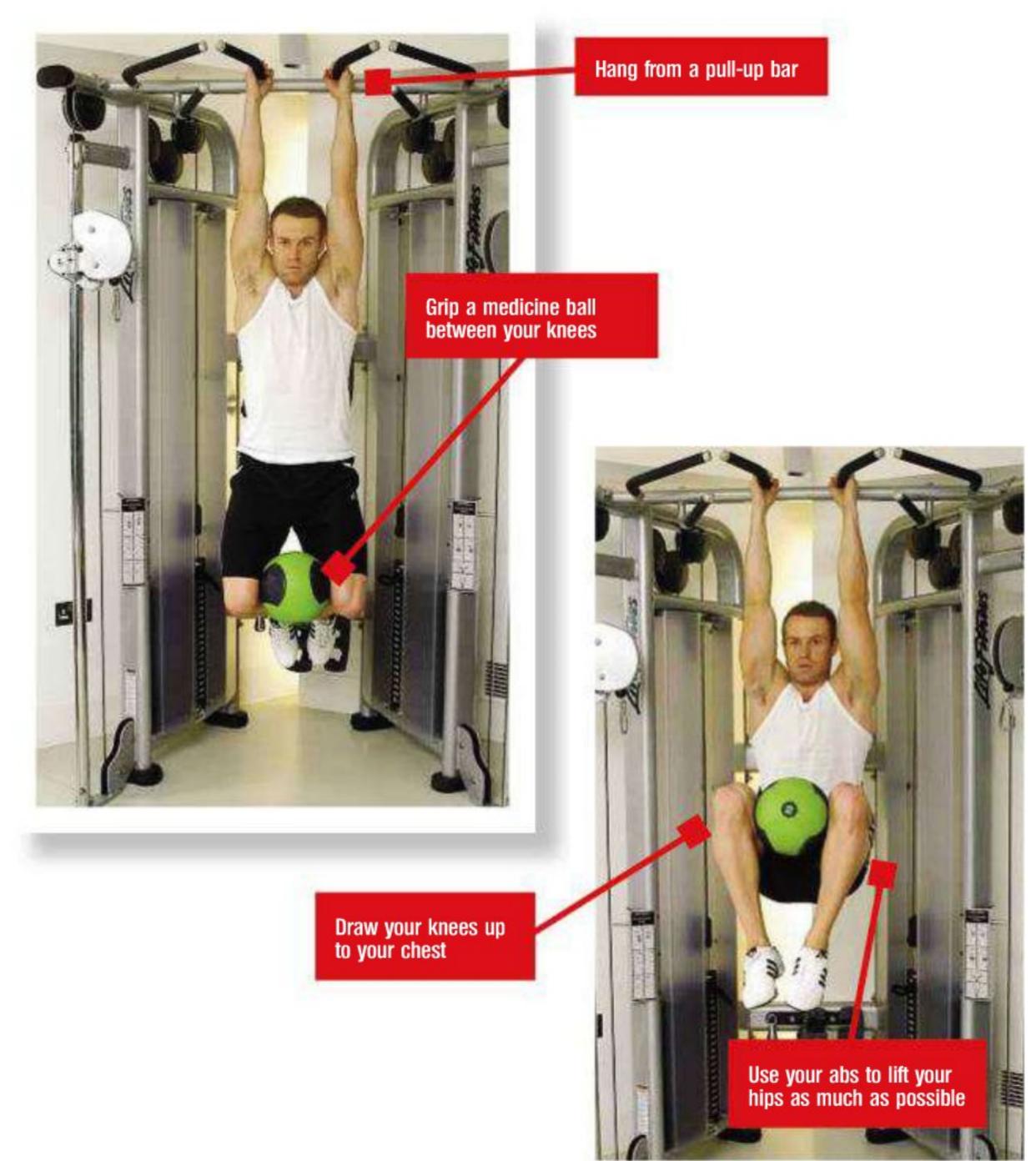


EXPLOSIVE

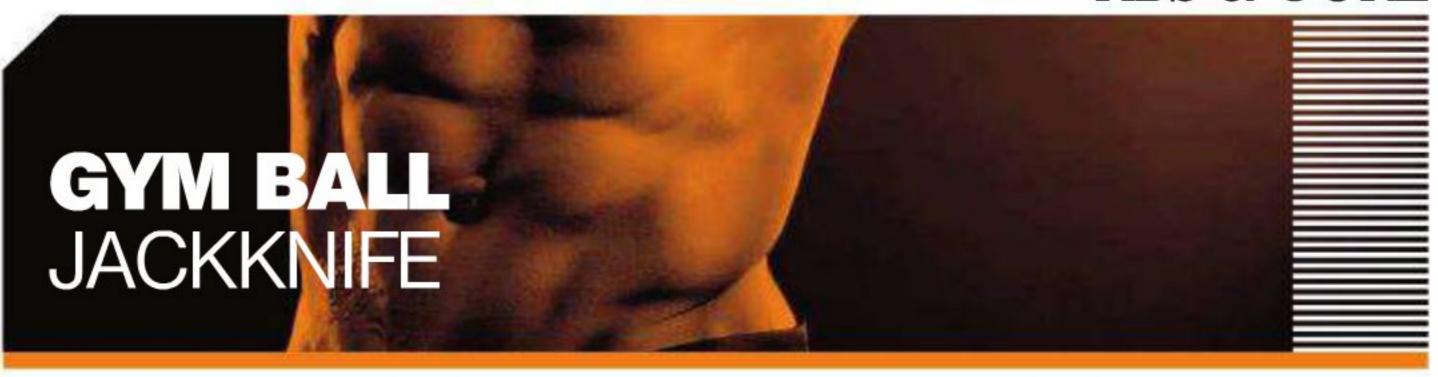


CORE

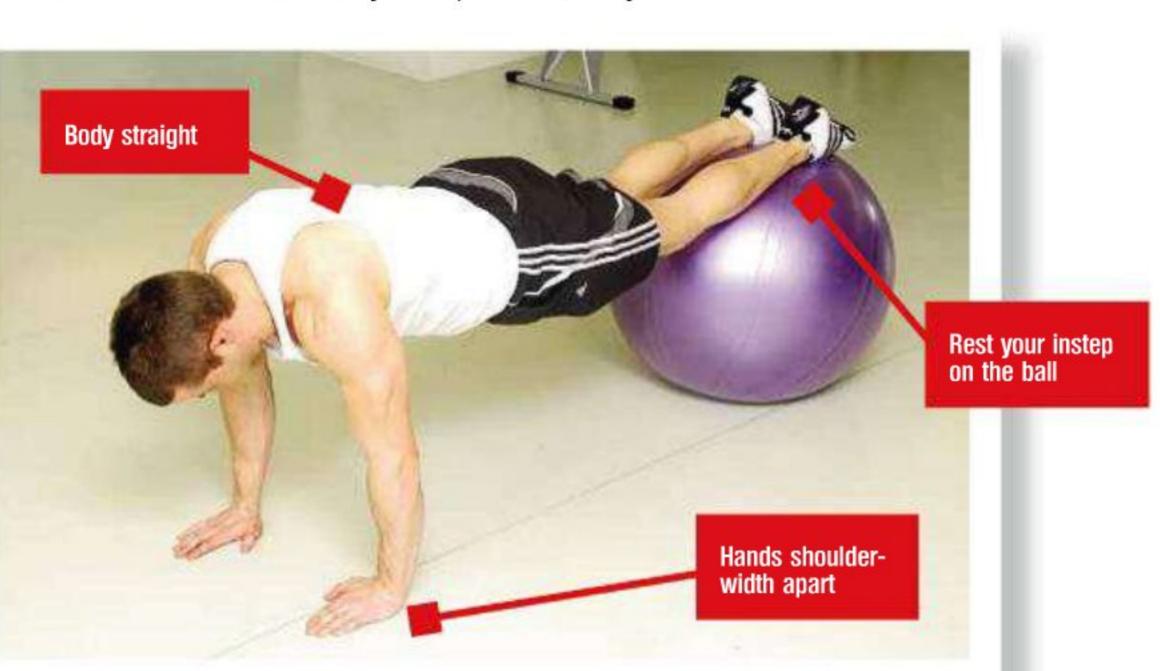


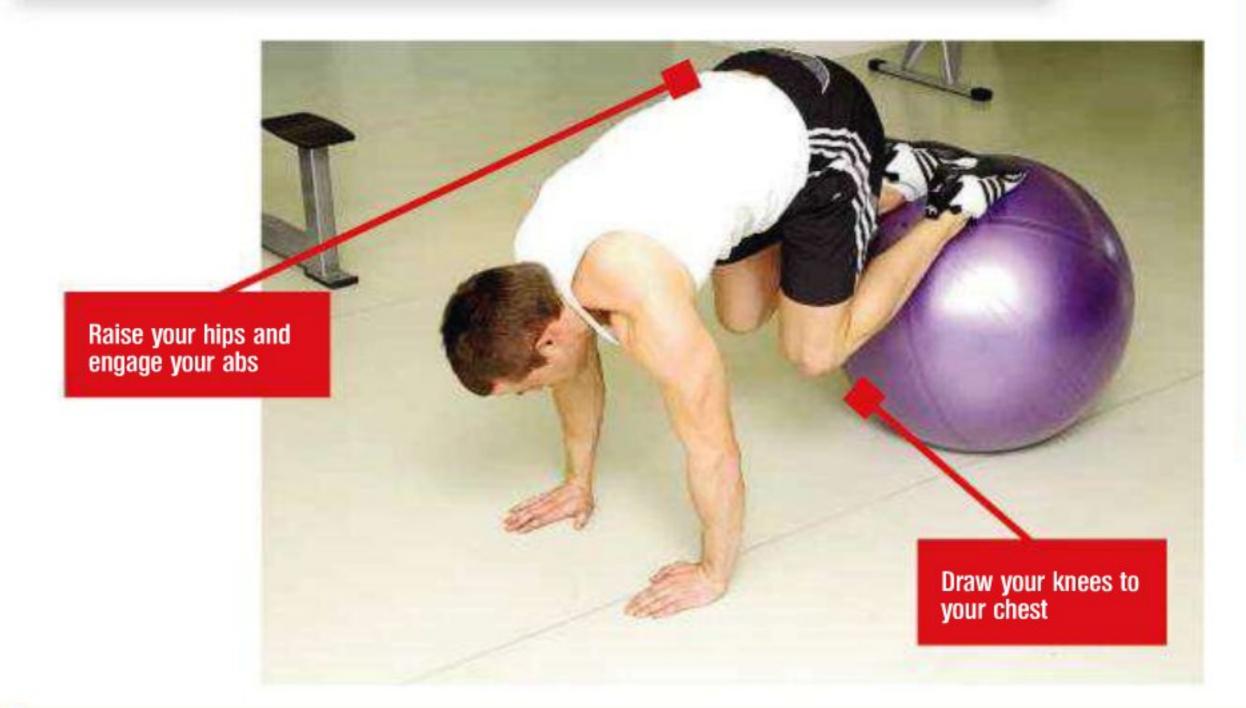


ABS & CORE



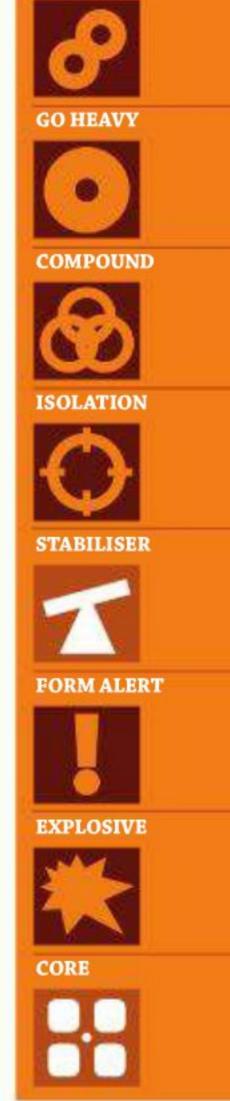
Keep your hips high and crunch your hips towards your chest to work your abs. If you just pull your knees back and forth then you will mainly work your hip flexors, not your abs.

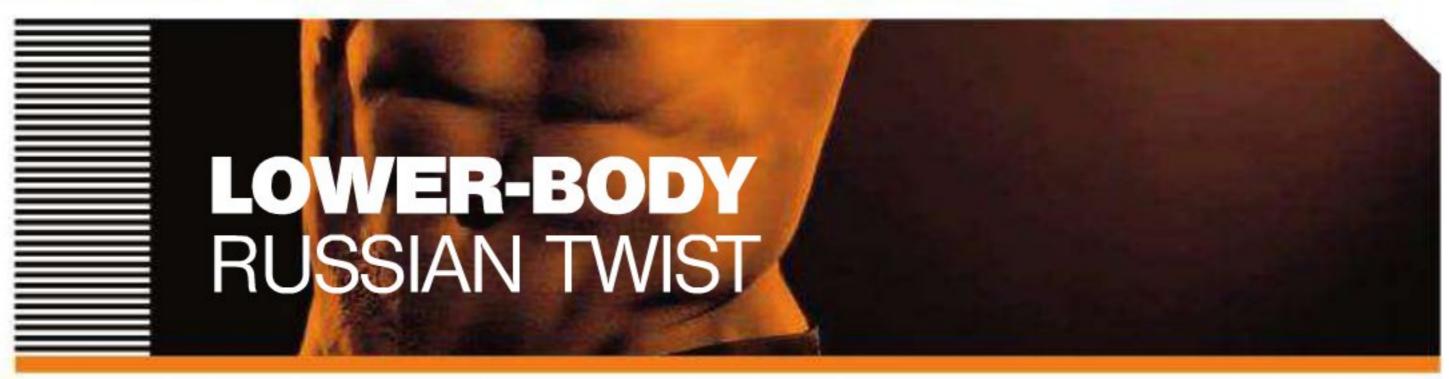






LIGHT WEIGHTS





65

Place the emphasis on your lower core muscles by transferring the twisting movement to your lower body, while keeping your shoulders flat on the floor.



LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT

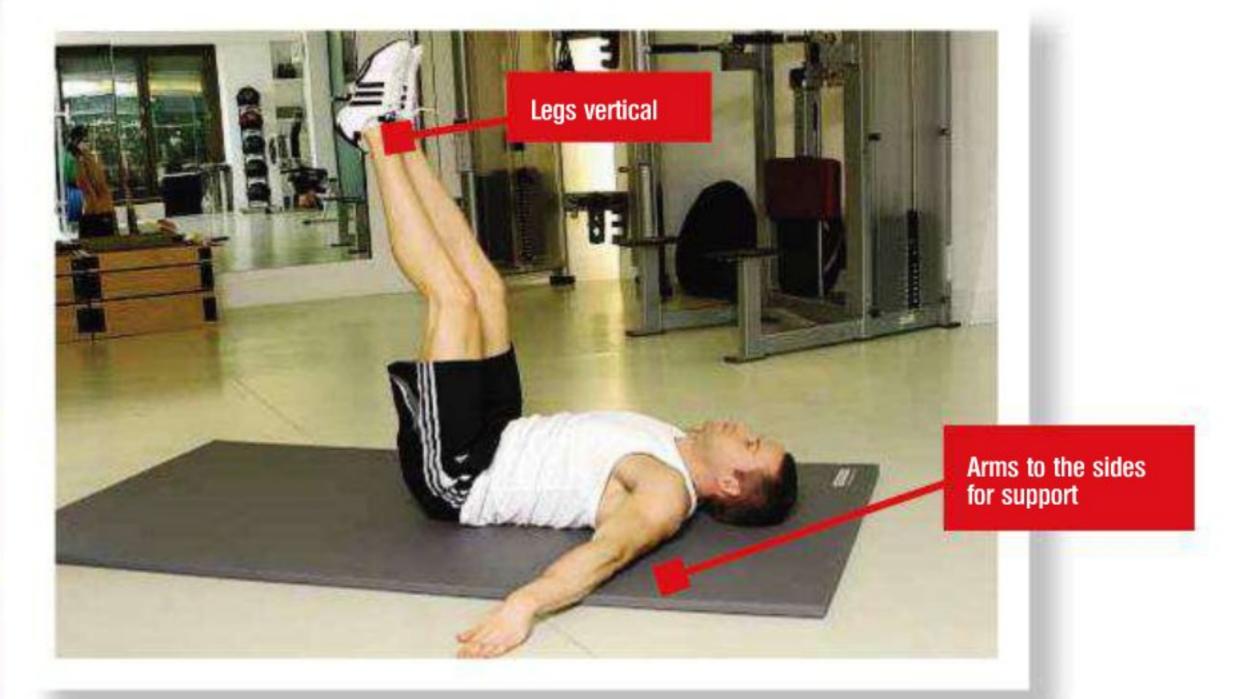


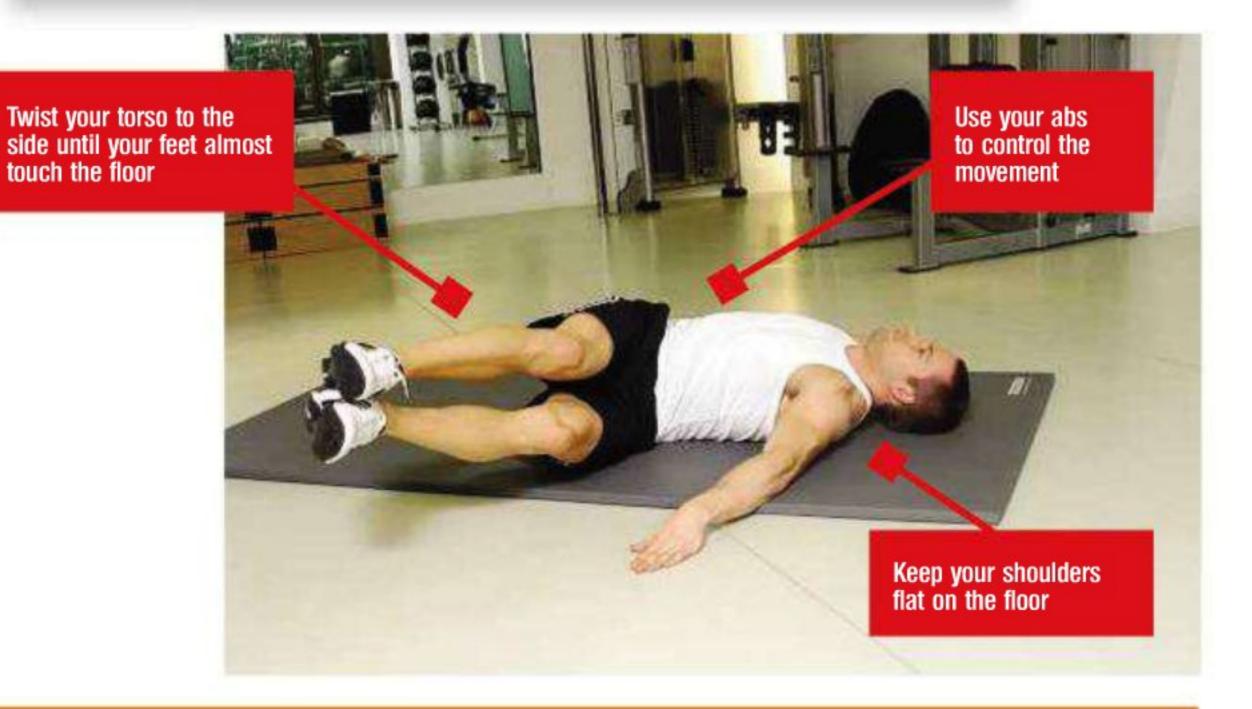
EXPLOSIVE



CORE

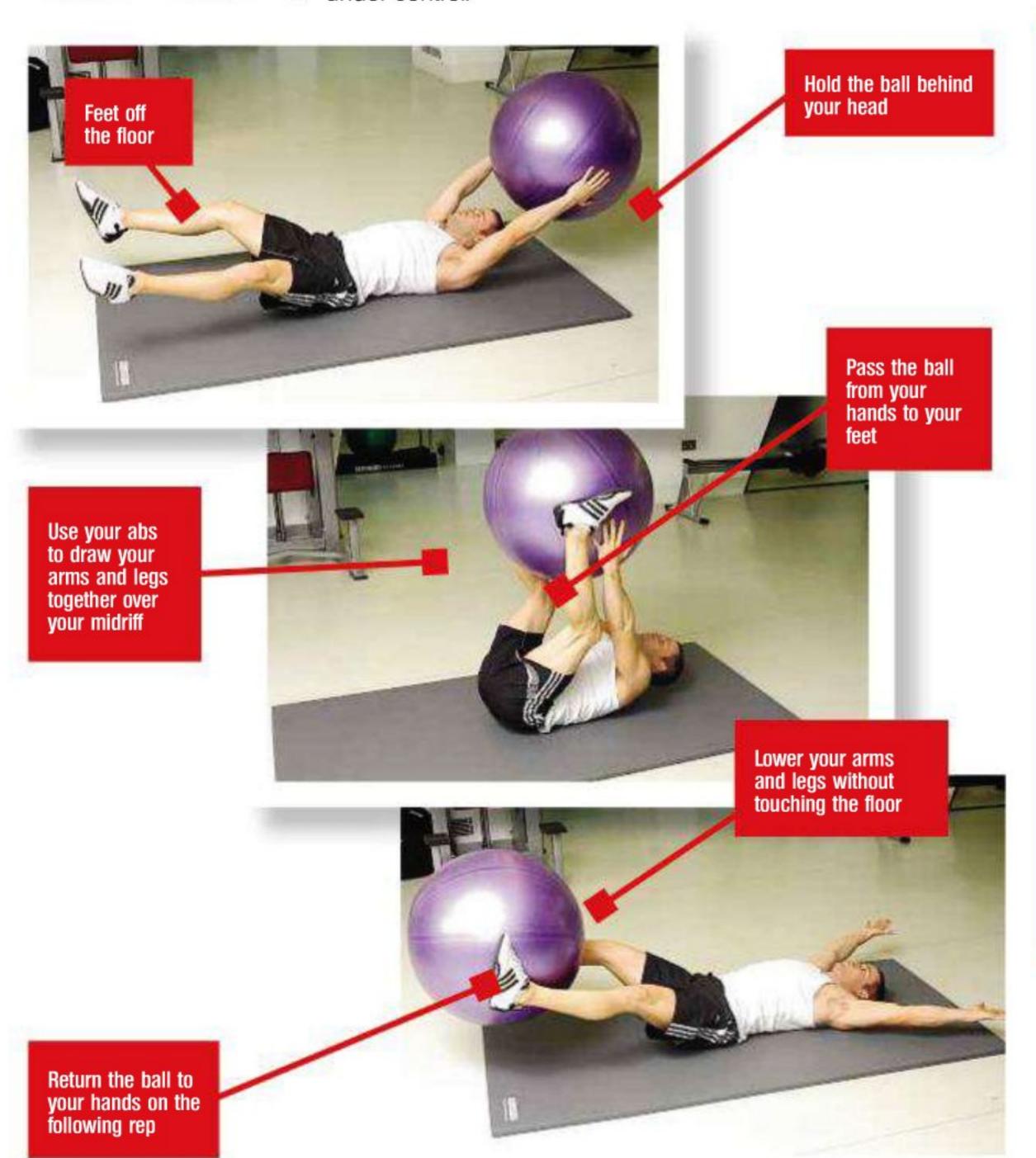








Passing the ball from hands to feet, and back again, forces you to perform the jackknife movement correctly and under control.



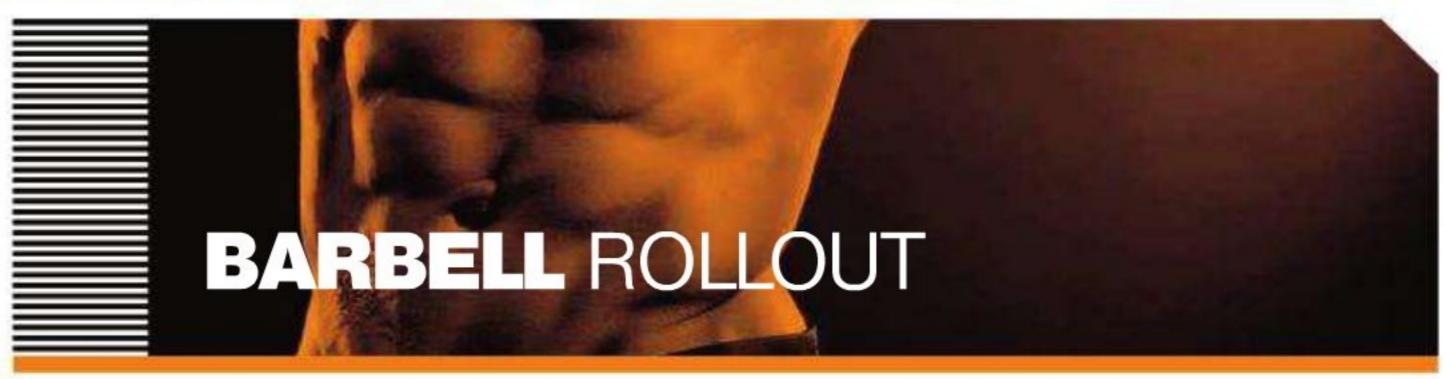






EXPLOSIVE





Use your core muscles to control the movement slowly up and down without letting your hips sag.





LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT

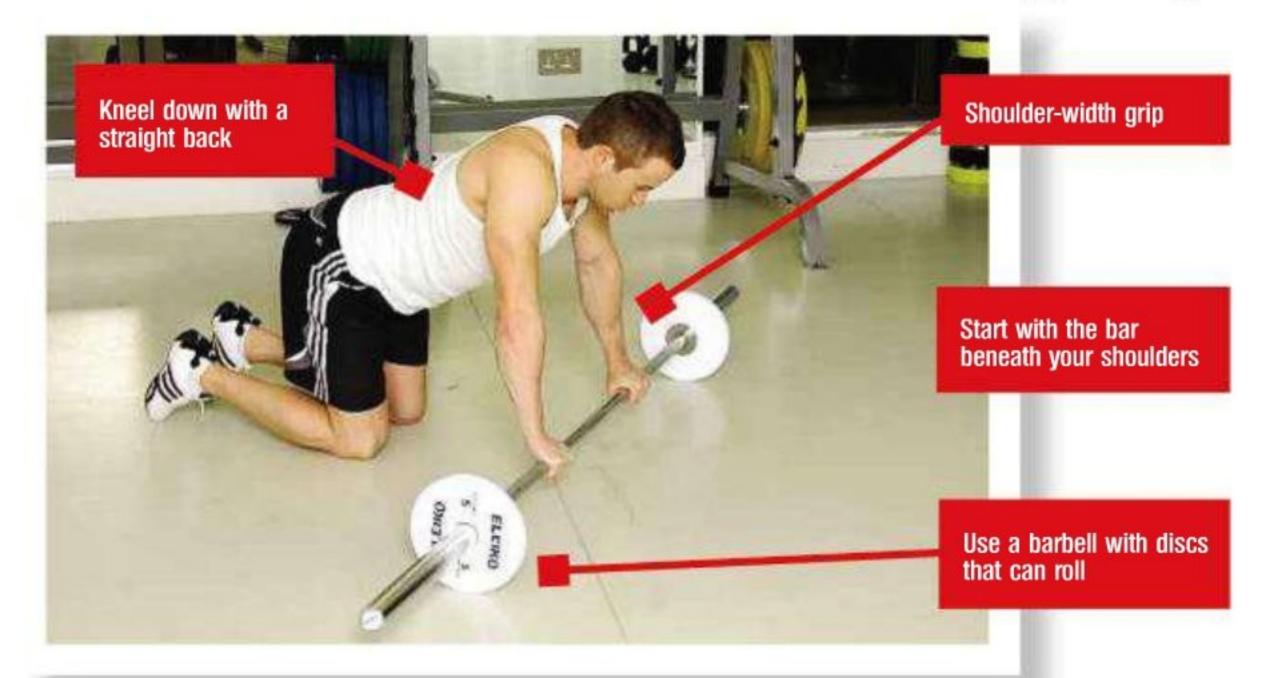


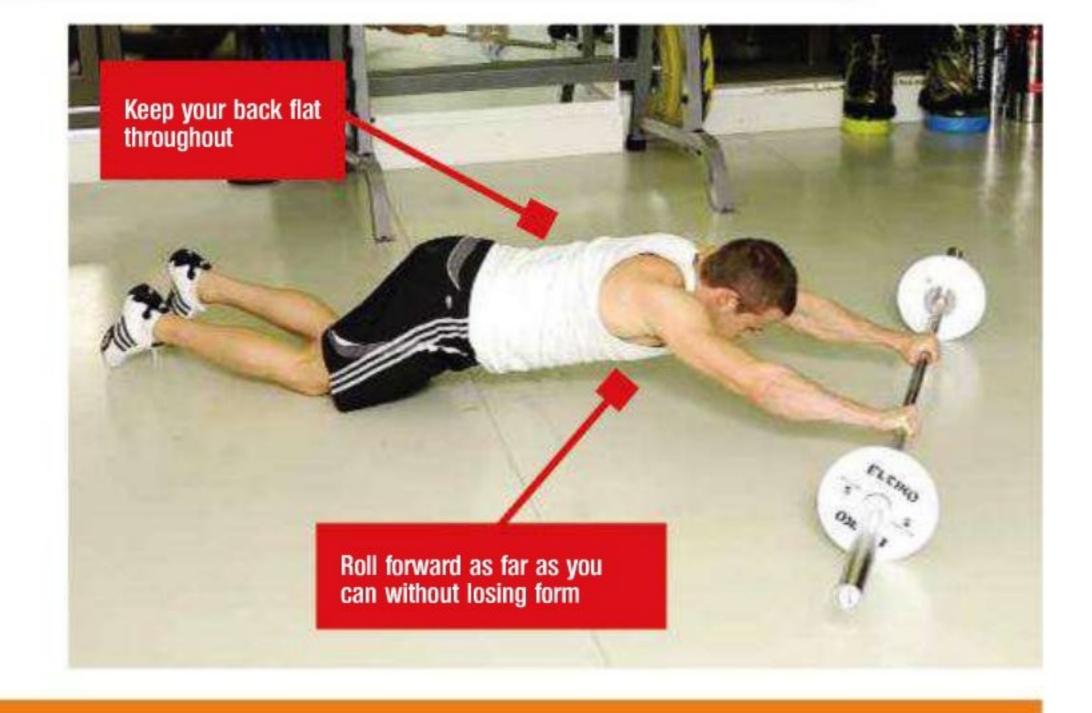
EXPLOSIVE



CORE

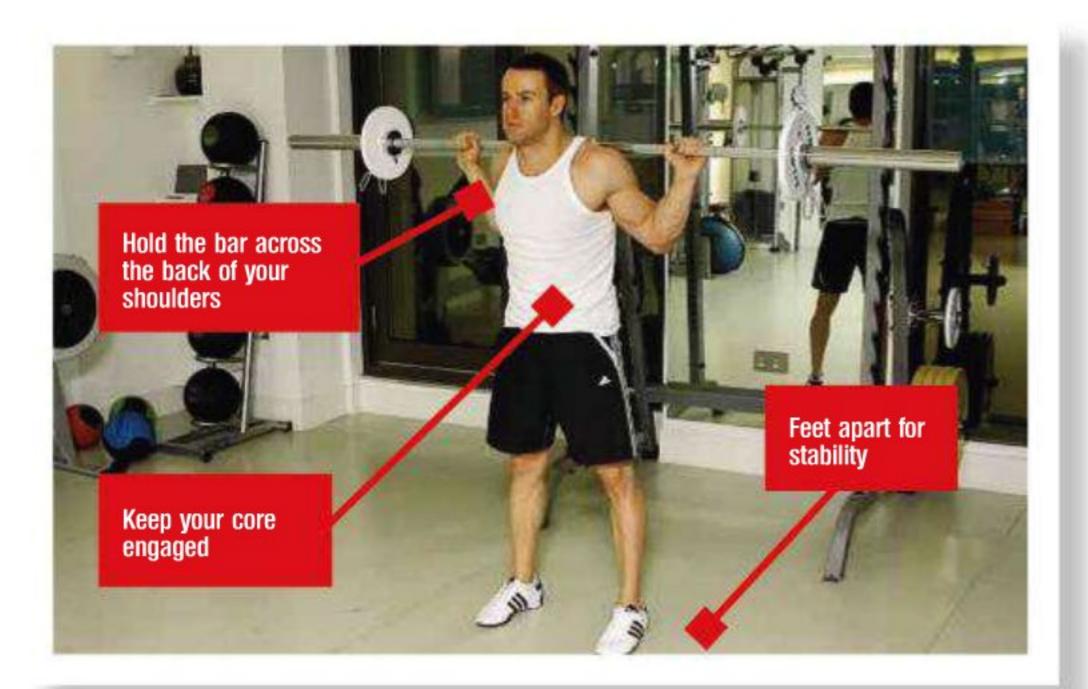


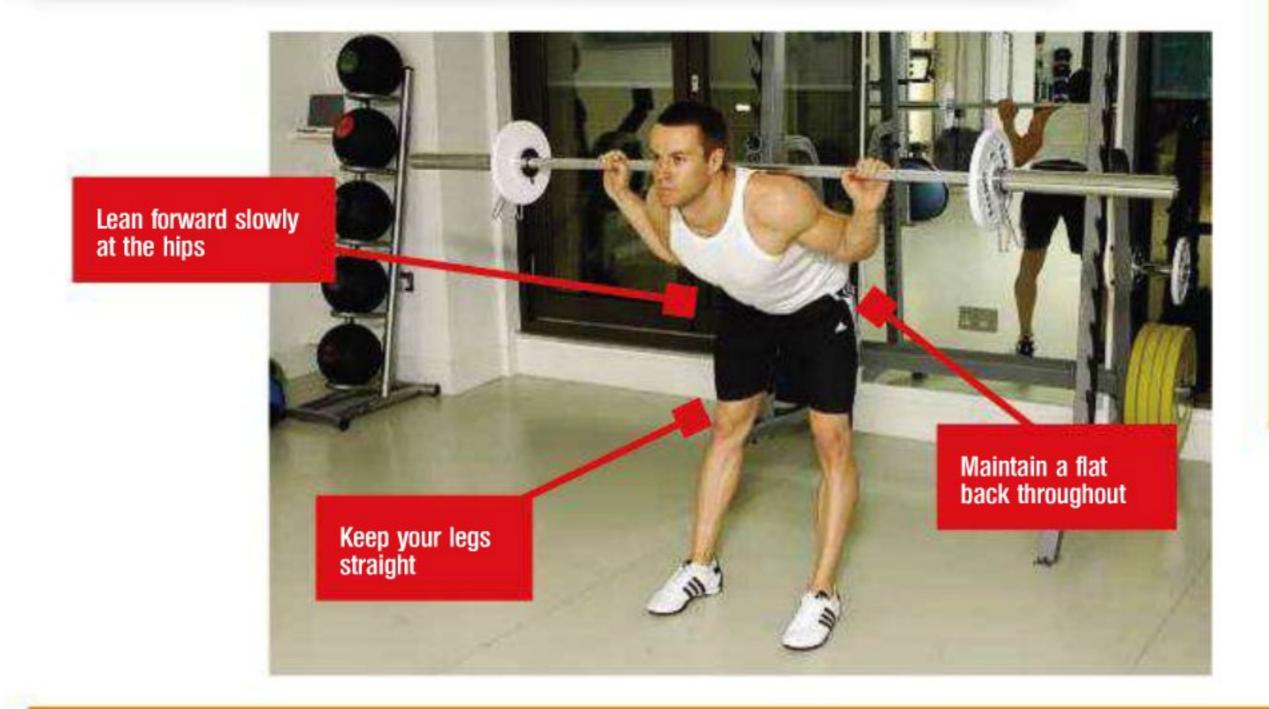






Keep the weight light when you first try this exercise to prevent possible strain to your lower back.











GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT

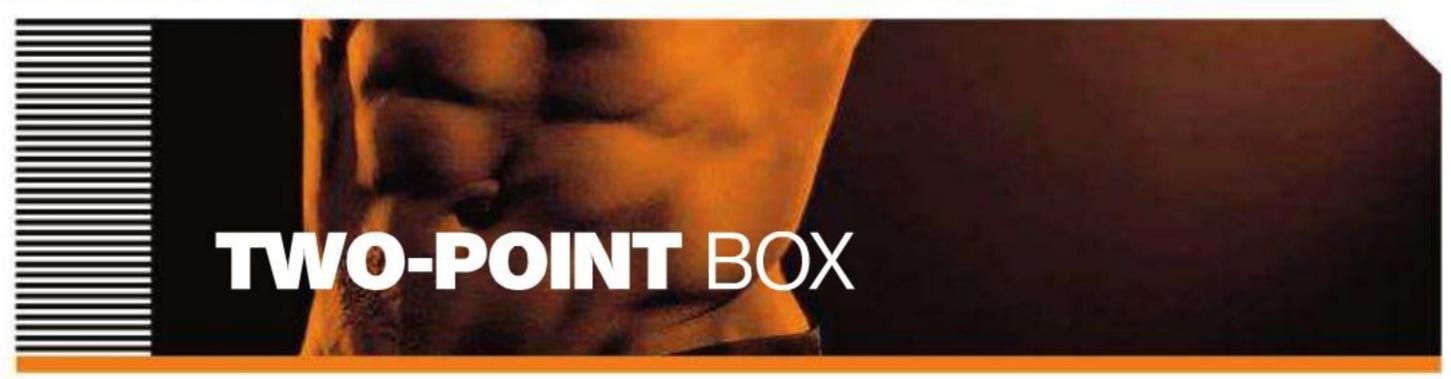


EXPLOSIVE



CORE







Build your spine's supporting muscles to aid posture.



LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT

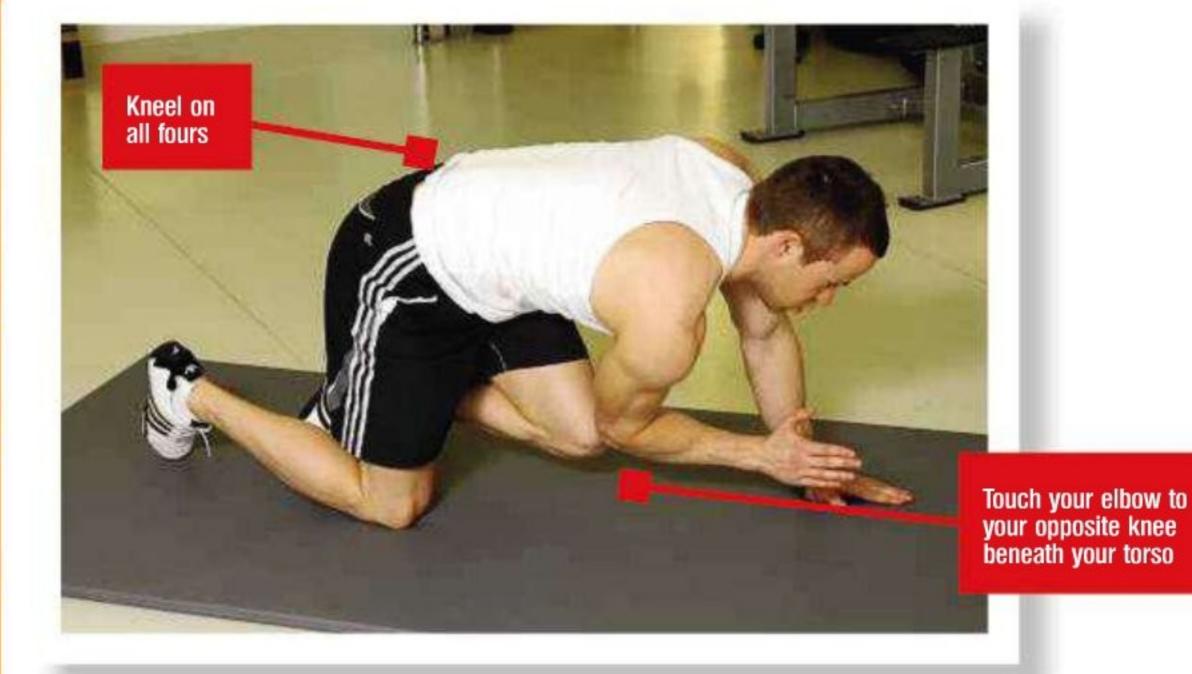


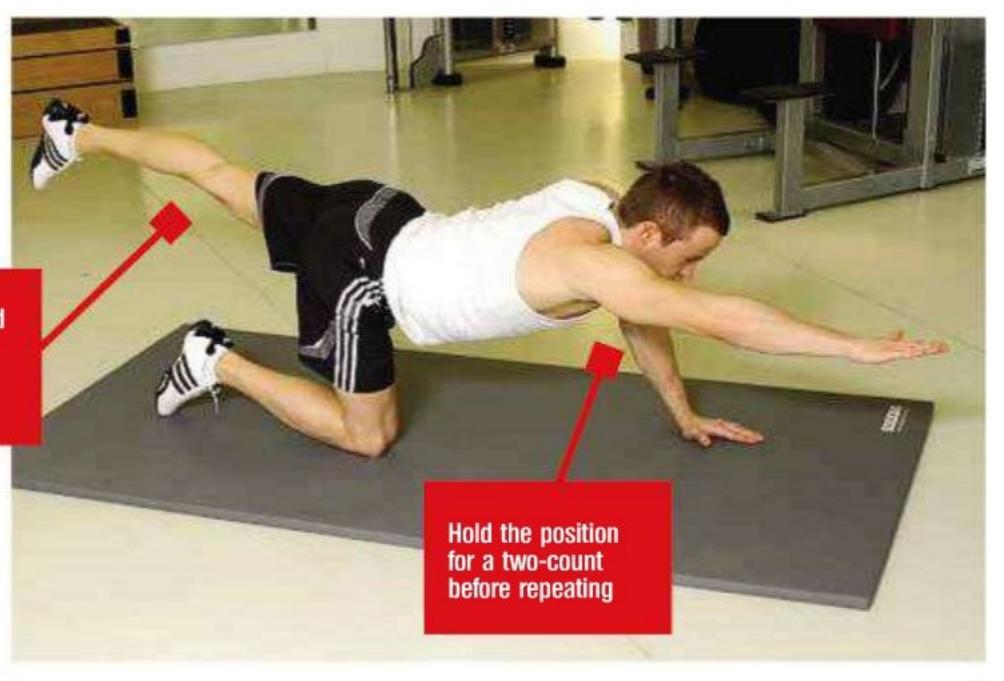
EXPLOSIVE



CORE







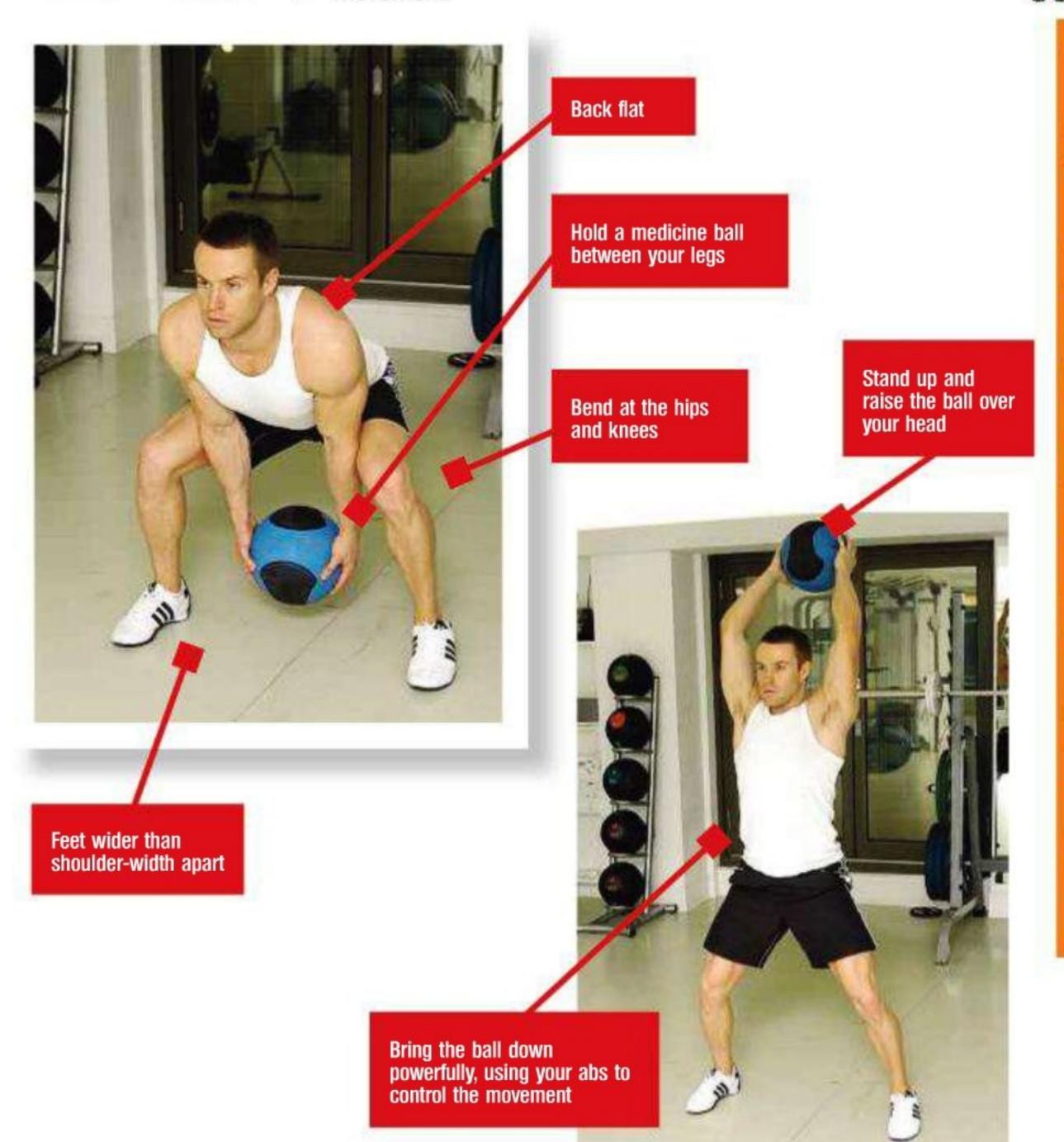
Extend your arm and leg until they form a straight line with your body



Perform this exercise explosively, using your core muscles to control the movement.









GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT



EXPLOSIVE



CORE





Using a gym ball allows you to get a full range of motion on this classic lower-back exercise, while the additional wobble works the deep stabilising muscles in your core.



LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT

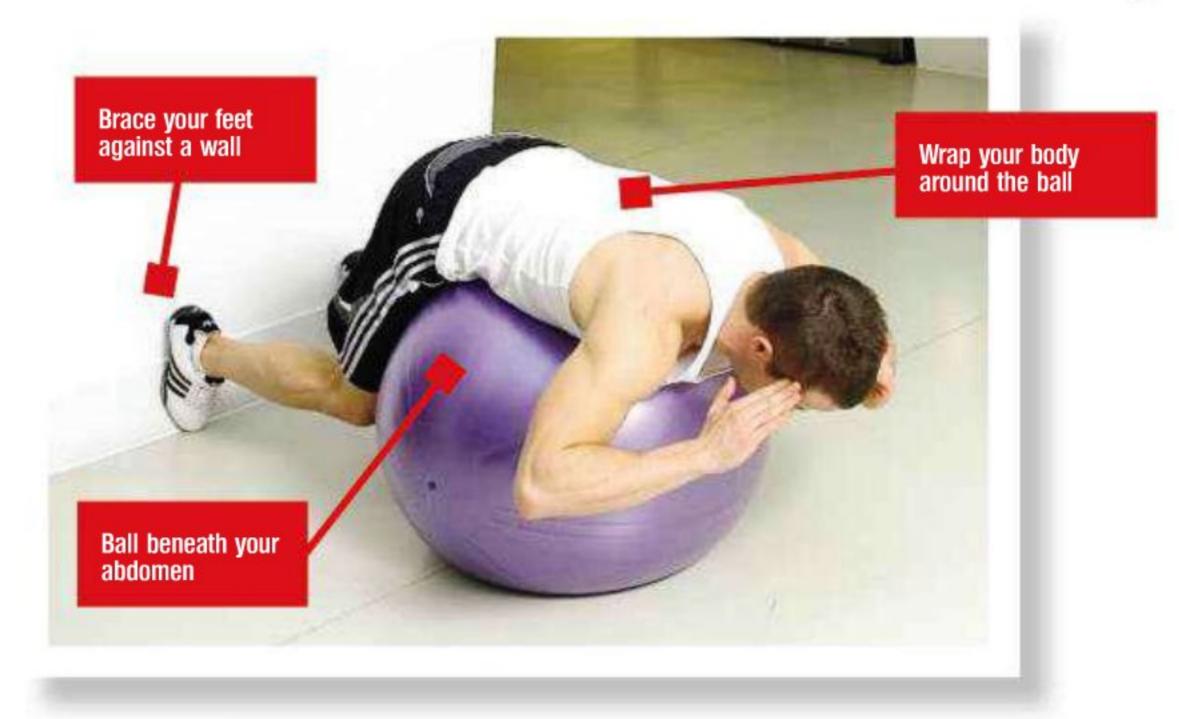


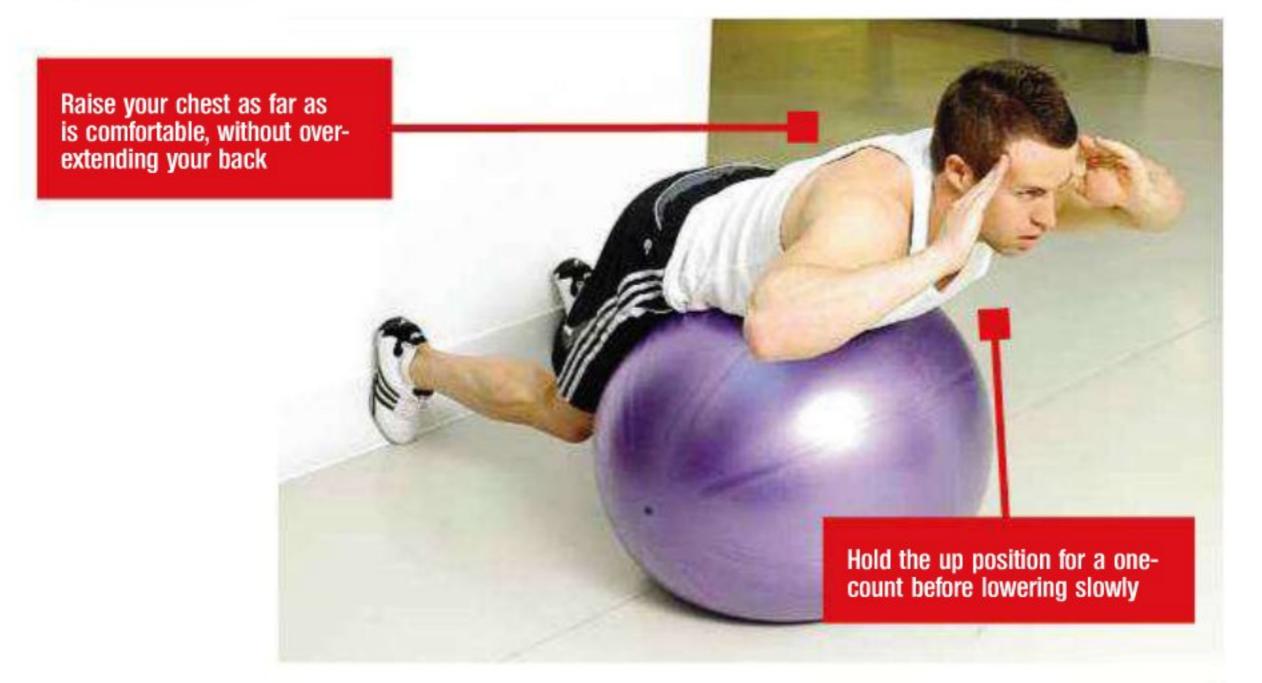
EXPLOSIVE

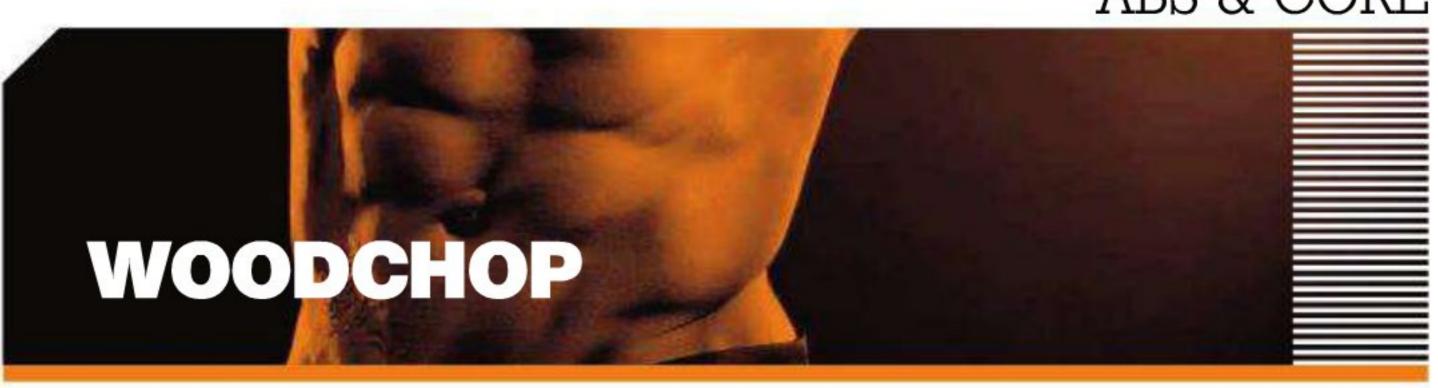


CORE





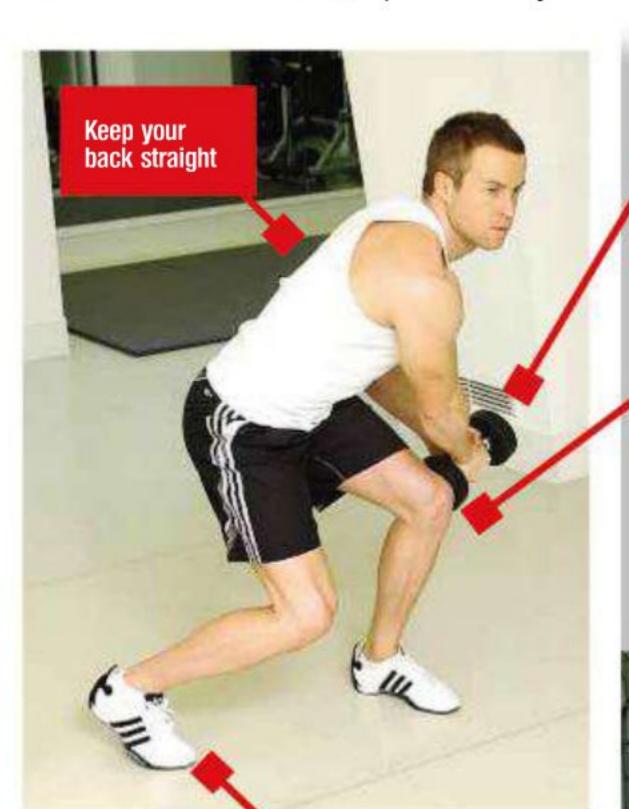




This exercise requires your whole body to work through several planes of motion at the same time - lifting and rotating simultaneously - using your core muscles to control the transfer of power from your lower body to upper.







Hold the dumb-bell to the outside of your thigh

Bend at the knees and hips

Bring the weight up and across your body



Use your core muscles to control the motion













STABILISER



FORM ALERT



EXPLOSIVE



CORE



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3

The swimming motion with your hands and feet strengthens the muscles that support your spine during dynamic sporting movements.



LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



STABILISER



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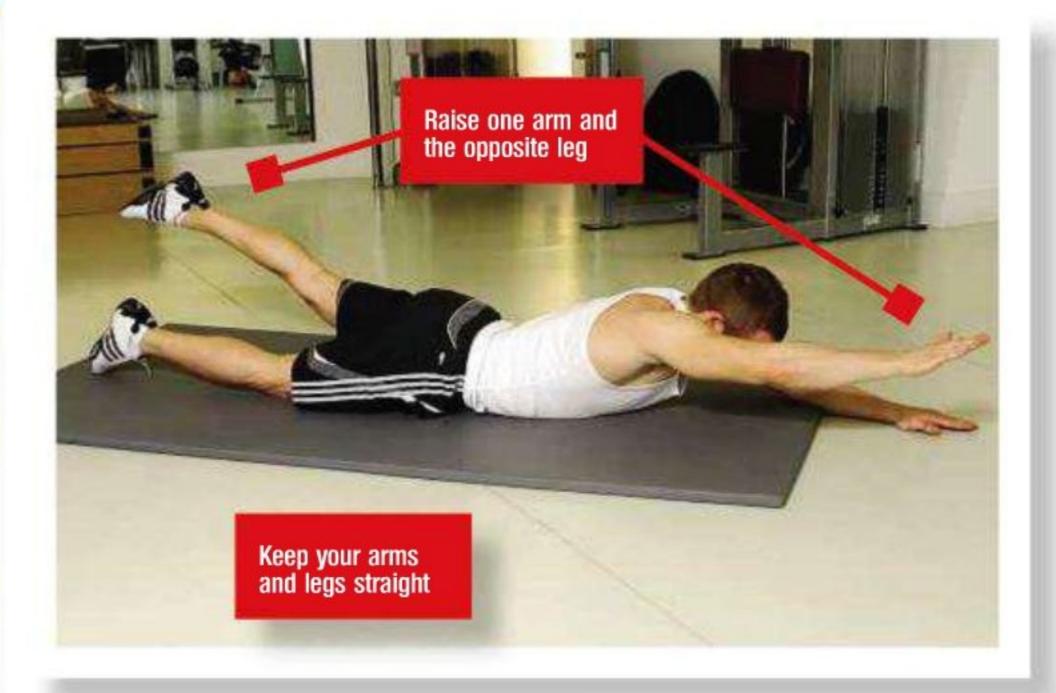


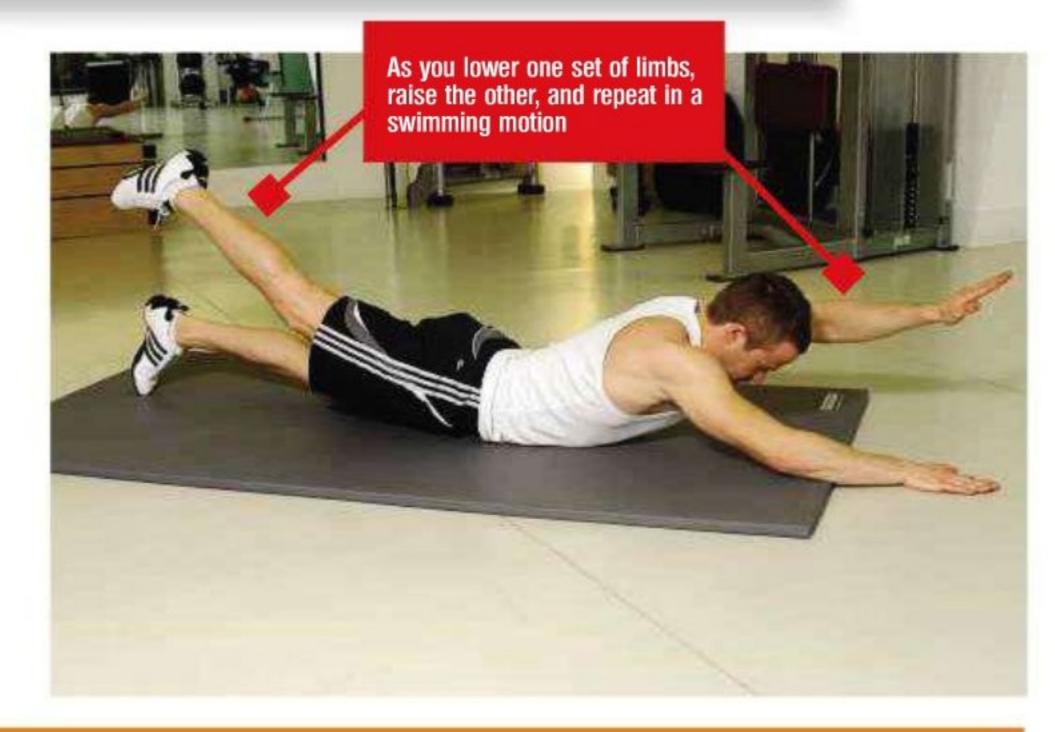
EXPLOSIVE



CORE







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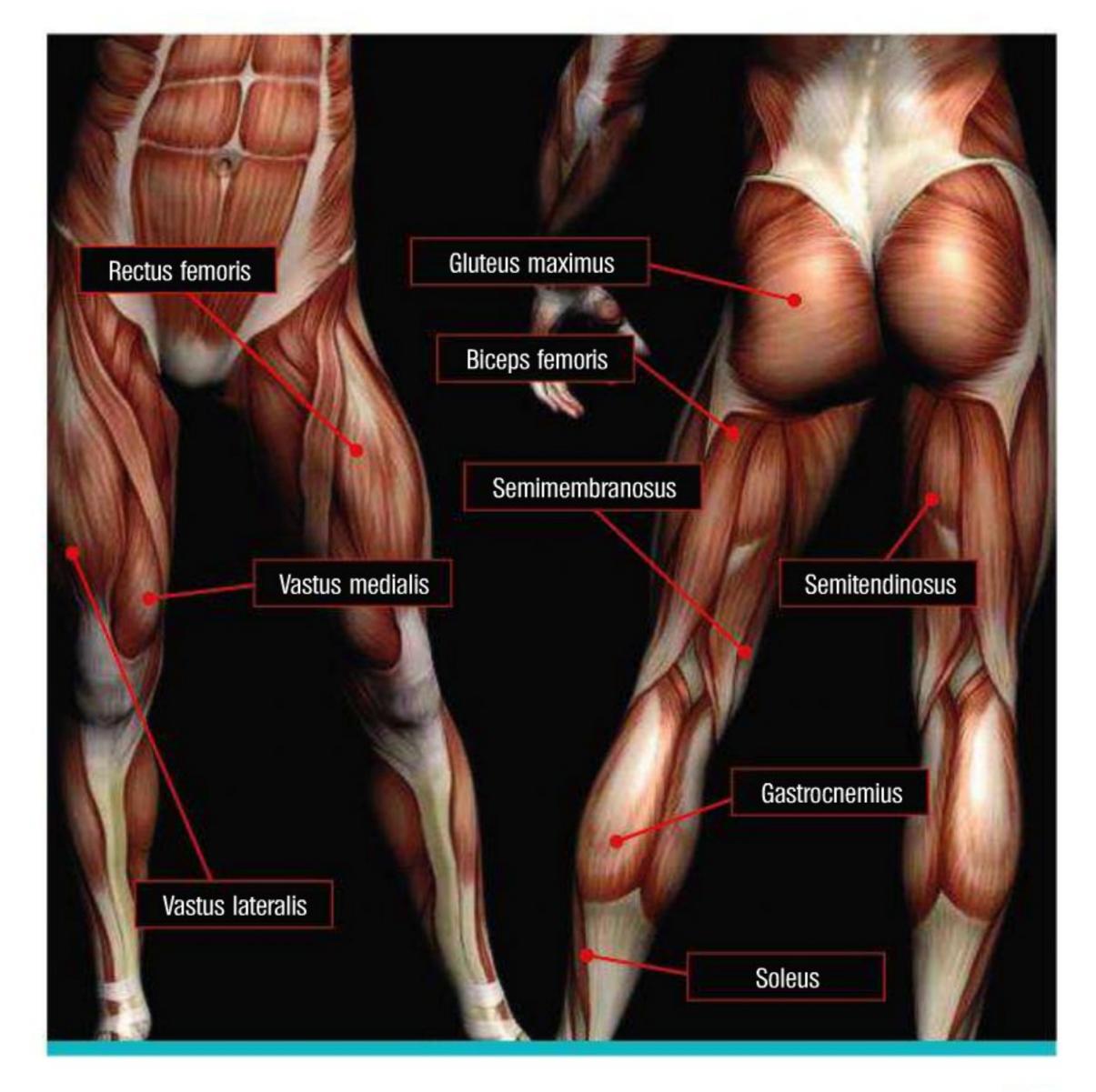
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ETONATOR

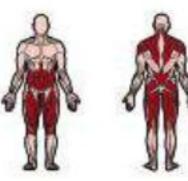


Your legs and backside (glutes) contain the biggest muscles in your body and they make up about half your total muscle mass. Training the lower half of your body will have a positive impact on the upper half because training these large muscles provokes a huge growth hormone response. On the front of your thighs the quads help straighten your leg and stabilise your knee. On the back of your thigh your hamstrings are responsible for extending your hips and bending your knees. Both these muscle groups work with your glutes every time you go from a sitting to a standing position.





The original power move.
The deadlift uses several large muscle groups, which floods your body with muscle-building hormones.





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ISOLATION



STABILISER



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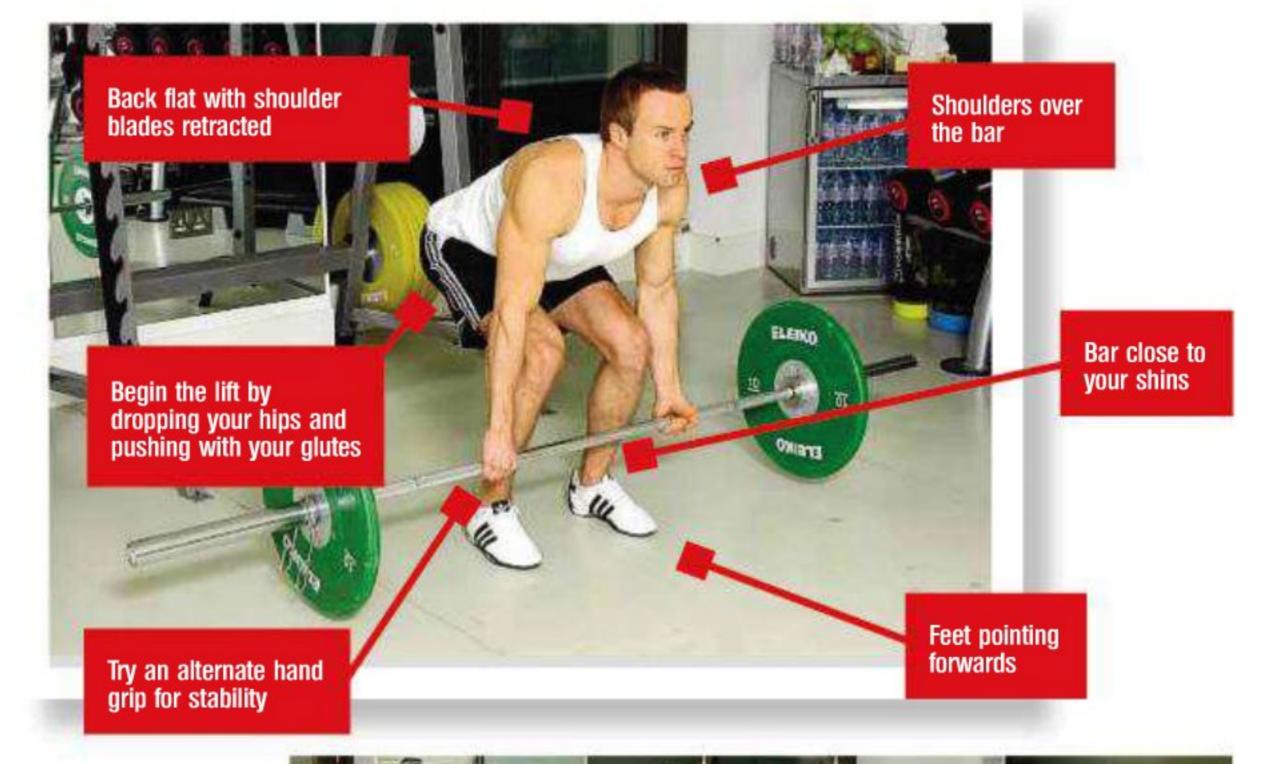


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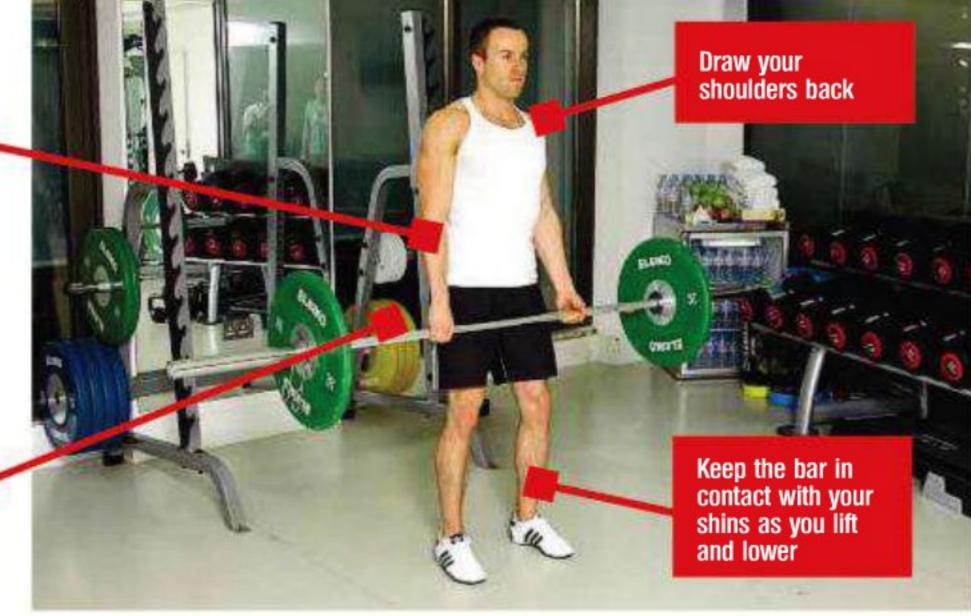


CORE





Keep your core muscles contracted throughout the lift



Push your hips forward



The squat is a classic move that builds muscle throughout your lower body and should form the basis of all your leg training. Some people find the squat difficult to perform well, but keep practising and perfecting your form and you'll be repaid in spades.









GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT



EXPLOSIVE



CORE



Back straight Head up Lower until your thighs are at least horizontal

Your feet should point in the same direction as your knees



Using dumb-bells instead of a bar can take the pressure off your lower back by allowing you to keep your torso more upright as you squat.





LIGHT WEIGHTS

GO HEAVY



COMPOUND



ISOLATION



STABILISER



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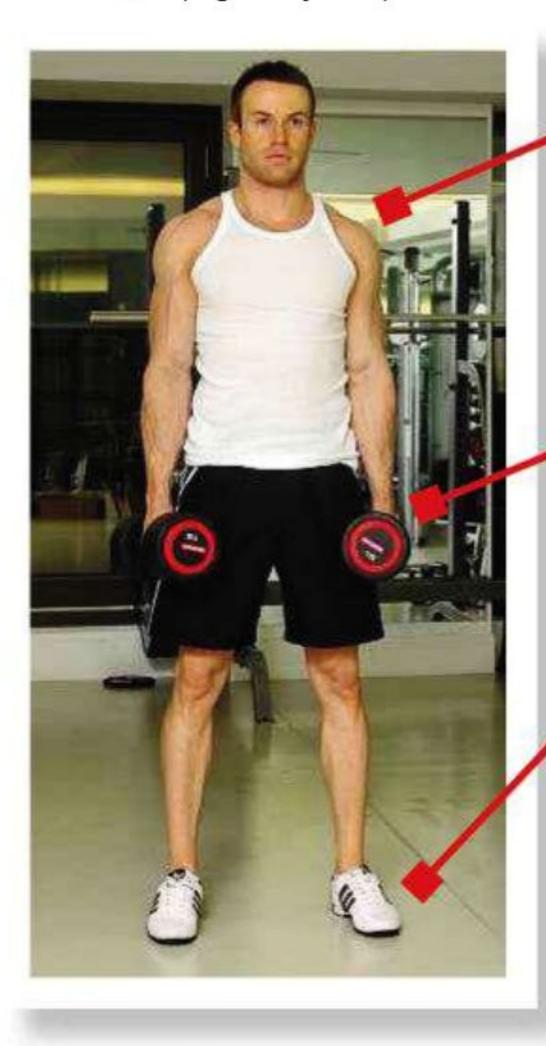


EXPLOSIVE



CORE





Stand upright with shoulders back

Dumb-bells by your sides, palms facing in

Feet shoulderwidth apart Back straight

Lower until your thighs are at least horizontal

Knees tracking in line with feet





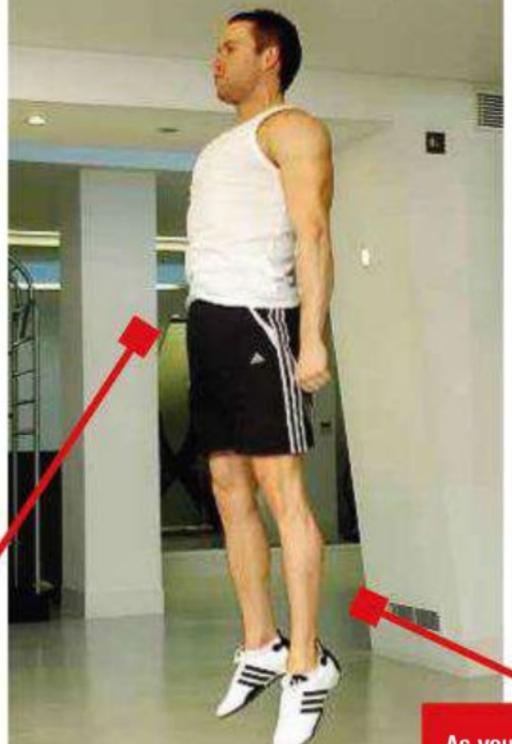
This explosive move fires up the fast-twitch muscles in your quads - the ones with the most potential for growth.







Back flat



LIGHT WEIGHTS

GO HEAVY



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FORM ALERT



EXPLOSIVE

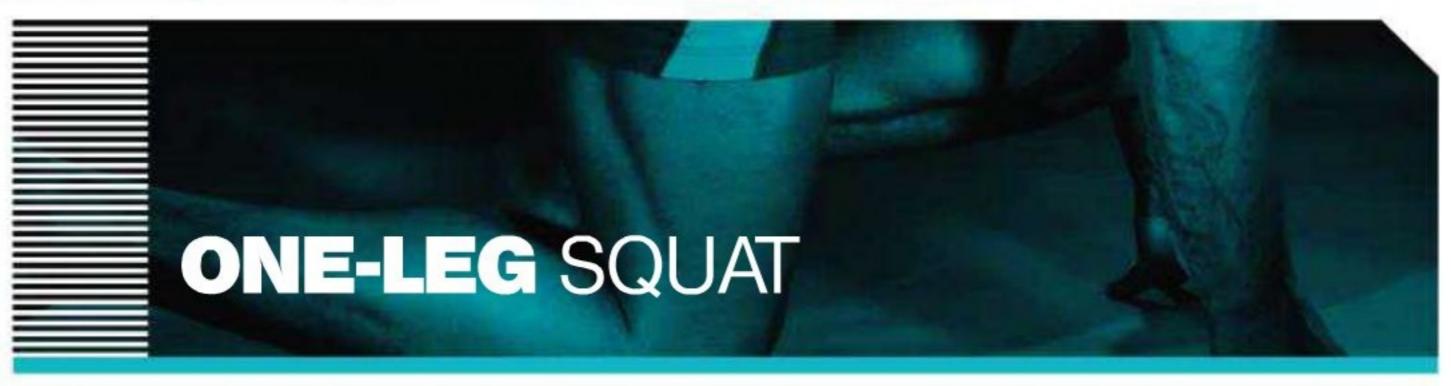


CORE



Push up powerfully and jump as high as you can

As you land, go straight into the next squat



8

Squatting on one leg strengthens the stabilising muscles in your hips, knees and ankles, giving you a more solid platform from which to increase the weight you squat, and protecting your joints from injury.









COMPOUND



ISOLATION



STABILISER



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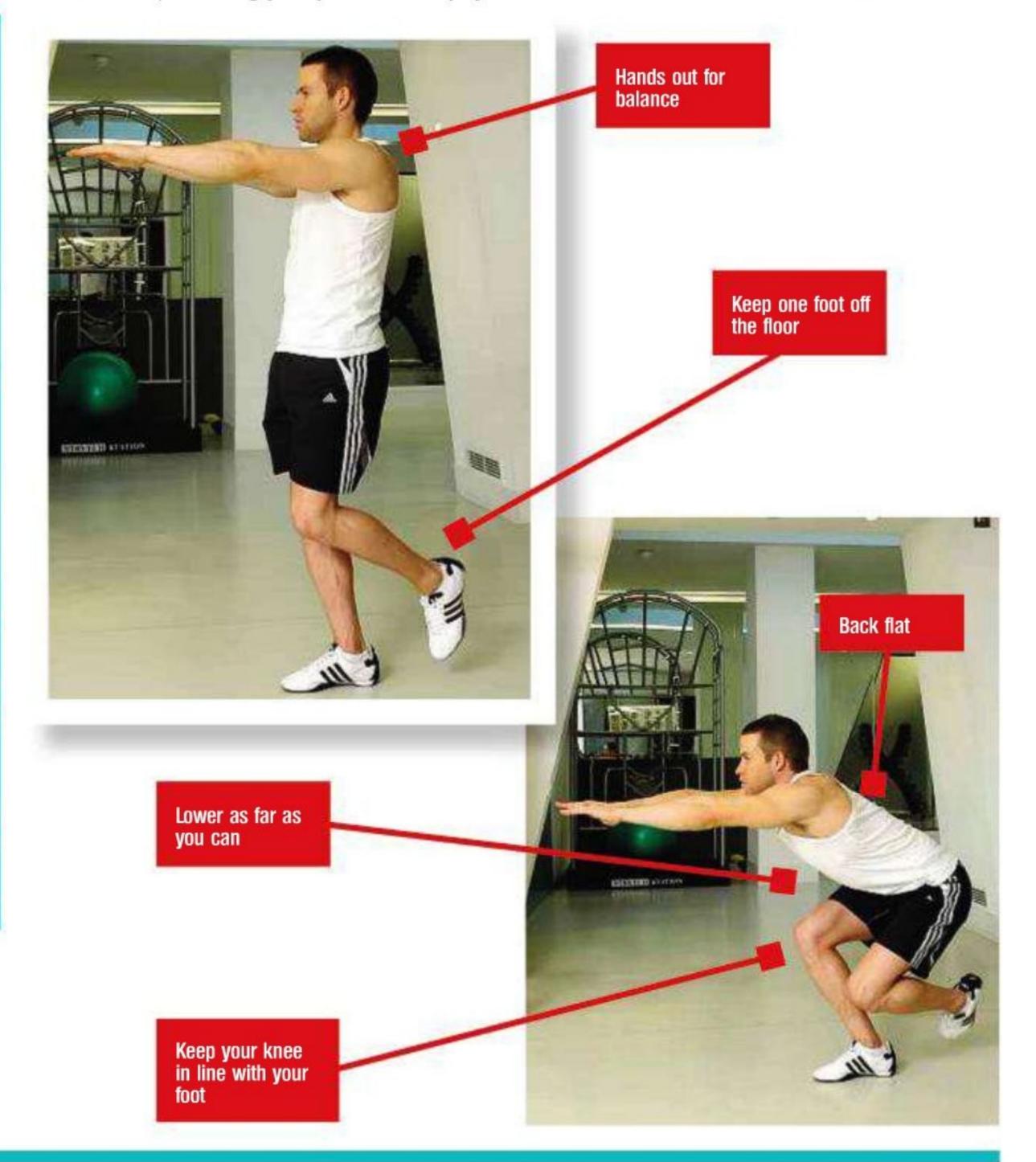


EXPLOSIVE



CORE





DUMB-BELL GYM BALL SQUAT

Using a gym ball to support your back places the focus of the squat firmly on your quads.





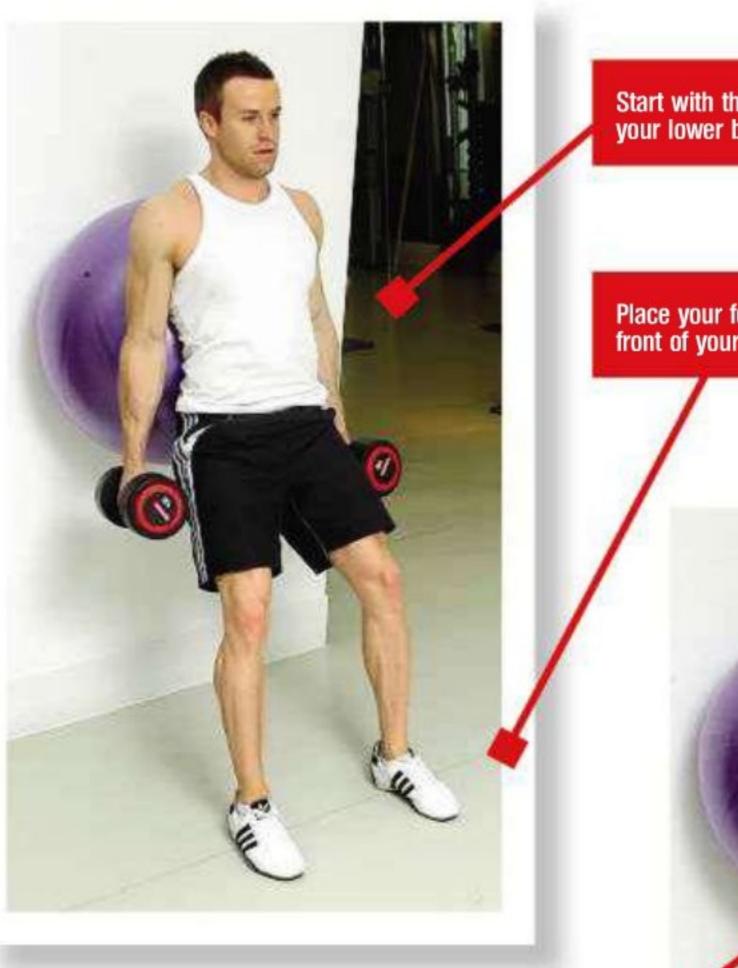
LIGHT WEIGHTS

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ISOLATION

STABILISER



Start with the ball behind your lower back

Place your feet in front of your body

Back upright



FORM ALERT



EXPLOSIVE



CORE



Lower slowly, rolling your back down the ball

Knees in line with feet

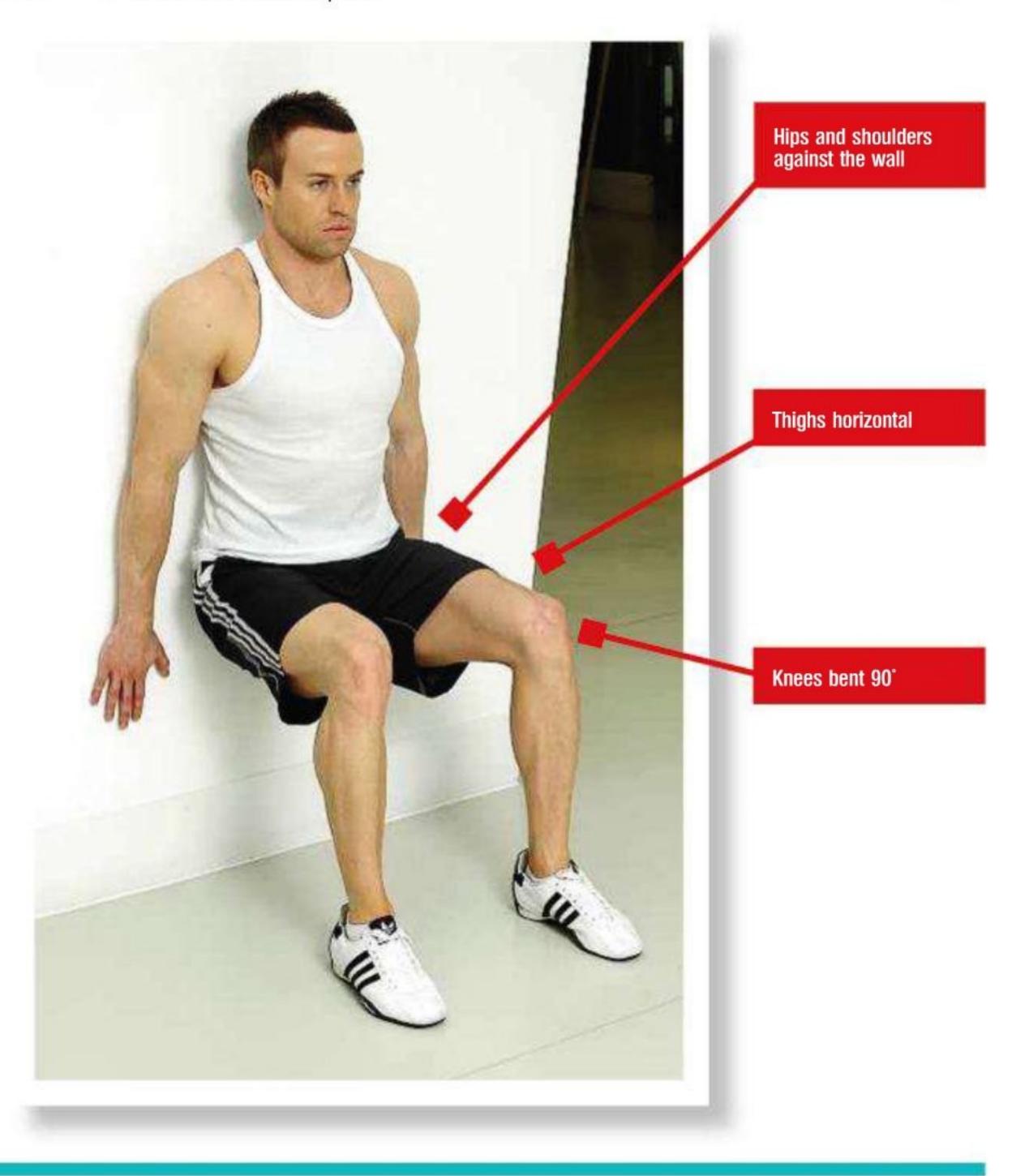


80

This isometric (holding a position under tension) exercise will help build muscle endurance in your thighs, which will in turn allow you to lift heavier when you return to normal squats.

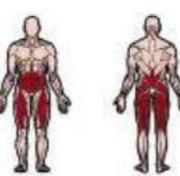


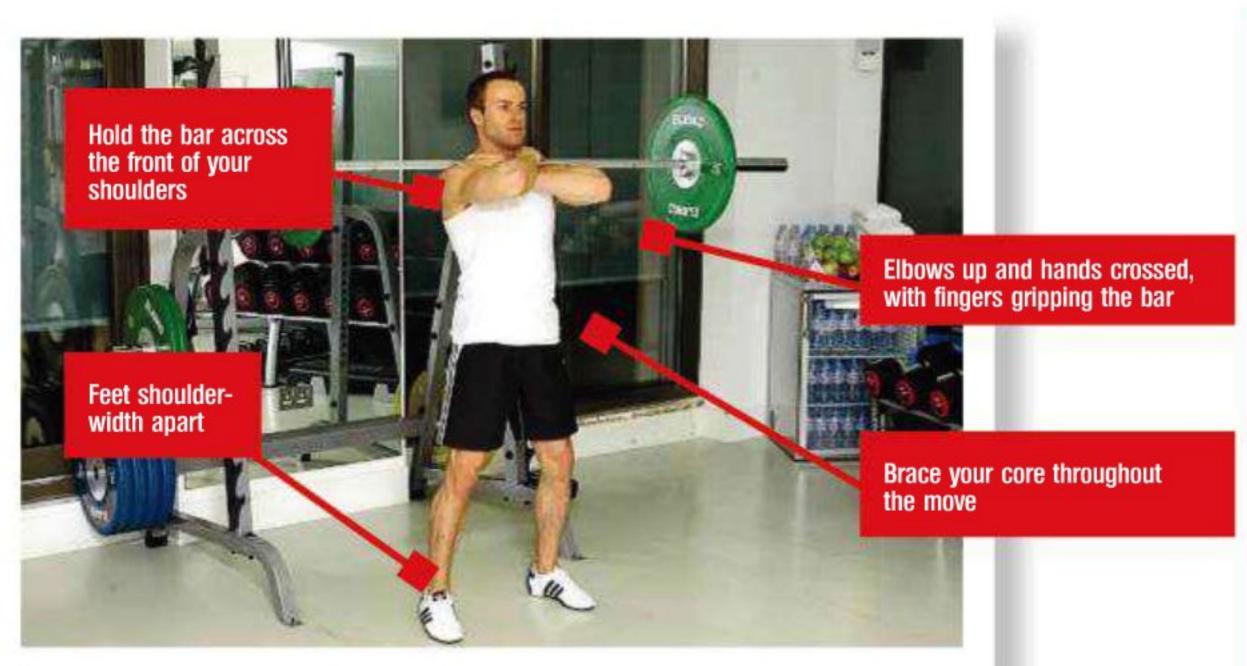


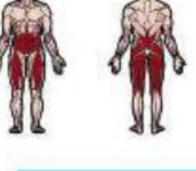




By holding the bar in front of you, as opposed to behind your neck, it naturally alters your posture so your torso is more upright. This will decrease the pressure on your lower back and place more emphasis on your quads than a standard squat does.







LIGHT WEIGHTS









STABILISER



FORM ALERT



EXPLOSIVE



CORE



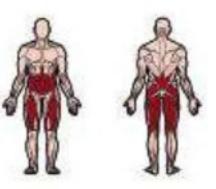


Weight on your heels



82

The wider stance transfers some of the stress of the squat on to your inner thighs – the adductors.





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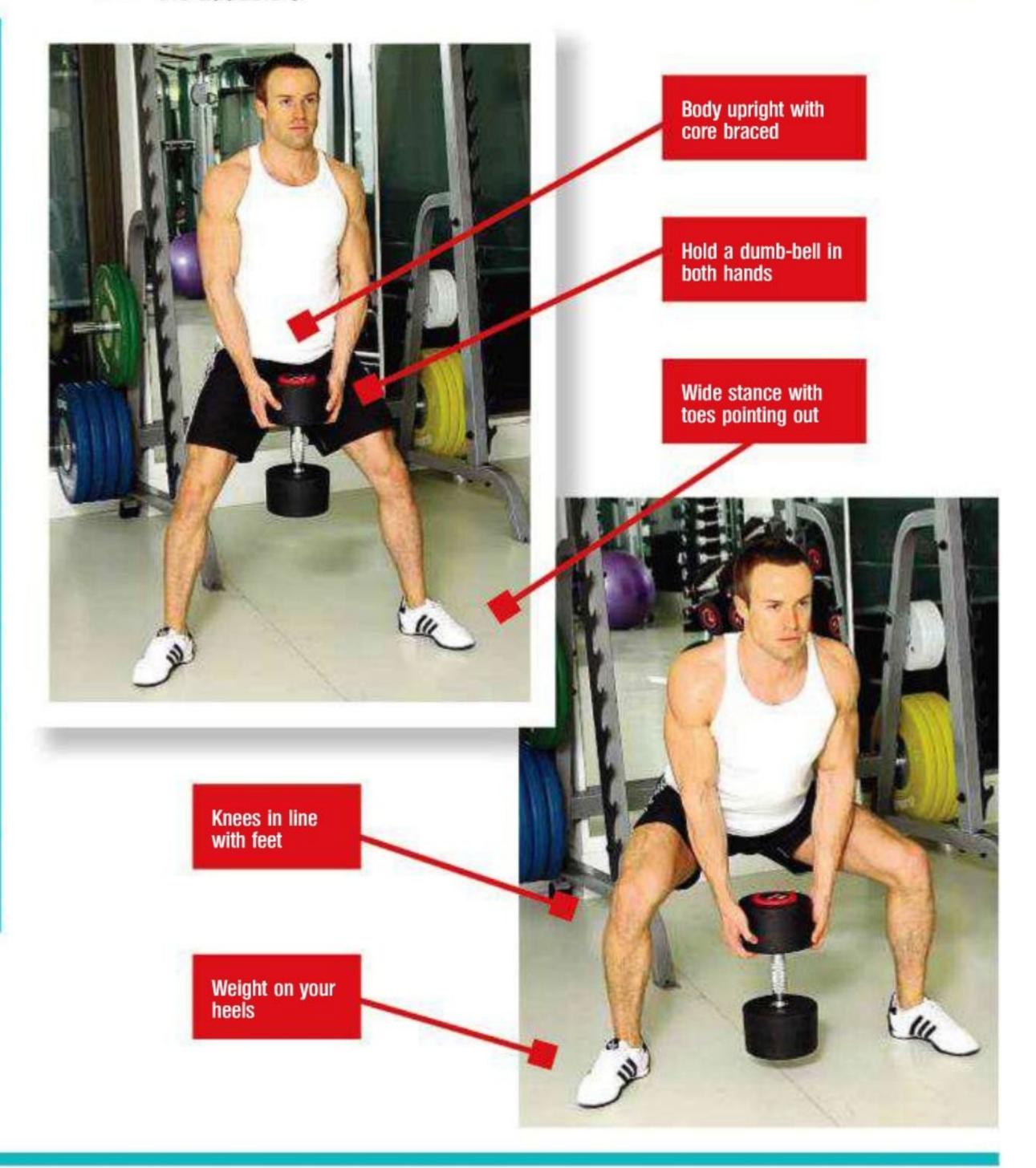


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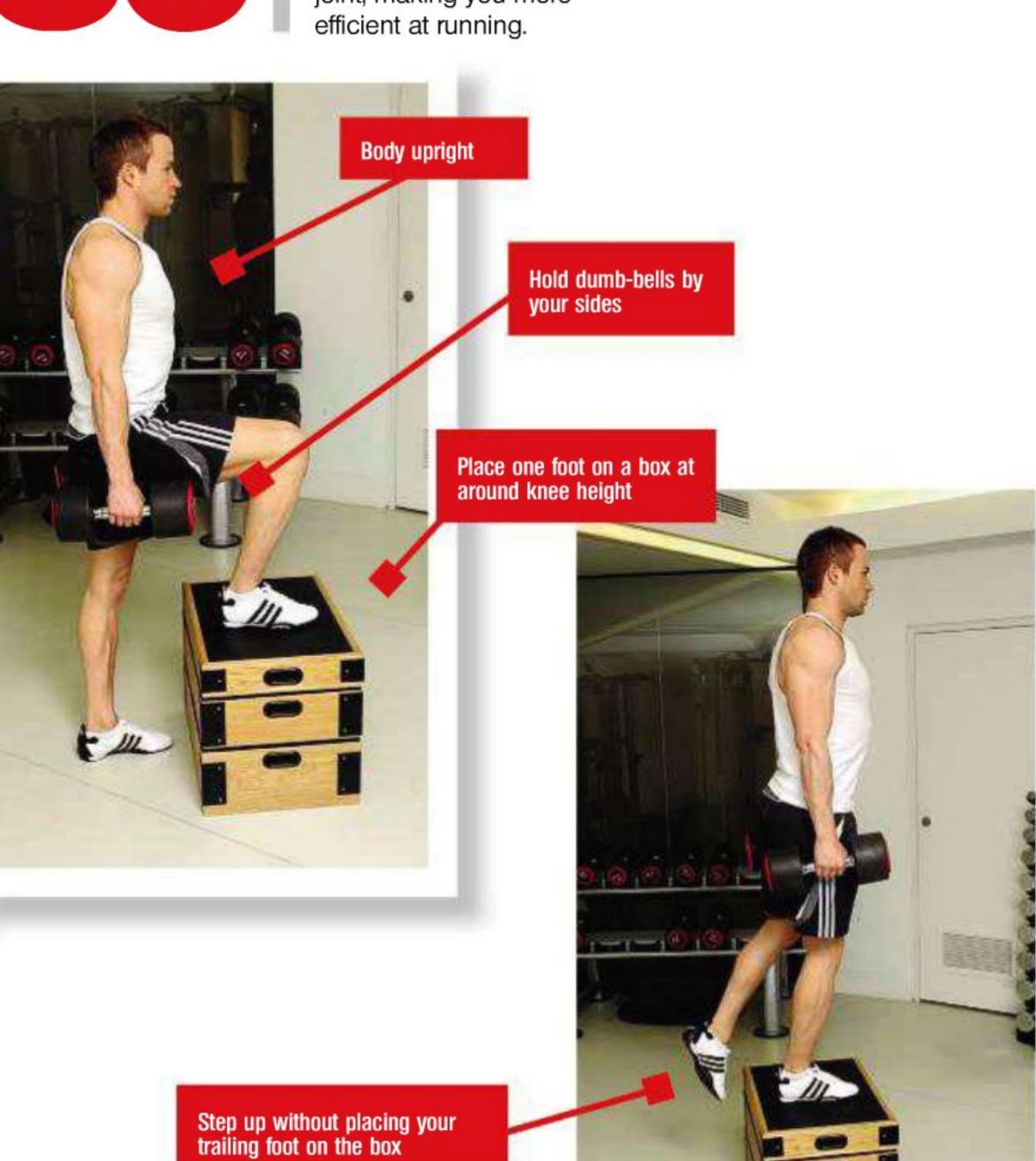
CORE







Target your quads and glutes with a move that will help to stabilise your knee joint, making you more











GO HEAVY



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EXPLOSIVE



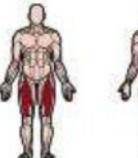
CORE





84

This move works your entire lower body and requires good balance and flexibility at the hip, so it will help to make you more dynamic when playing sport.





LIGHT WEIGHTS



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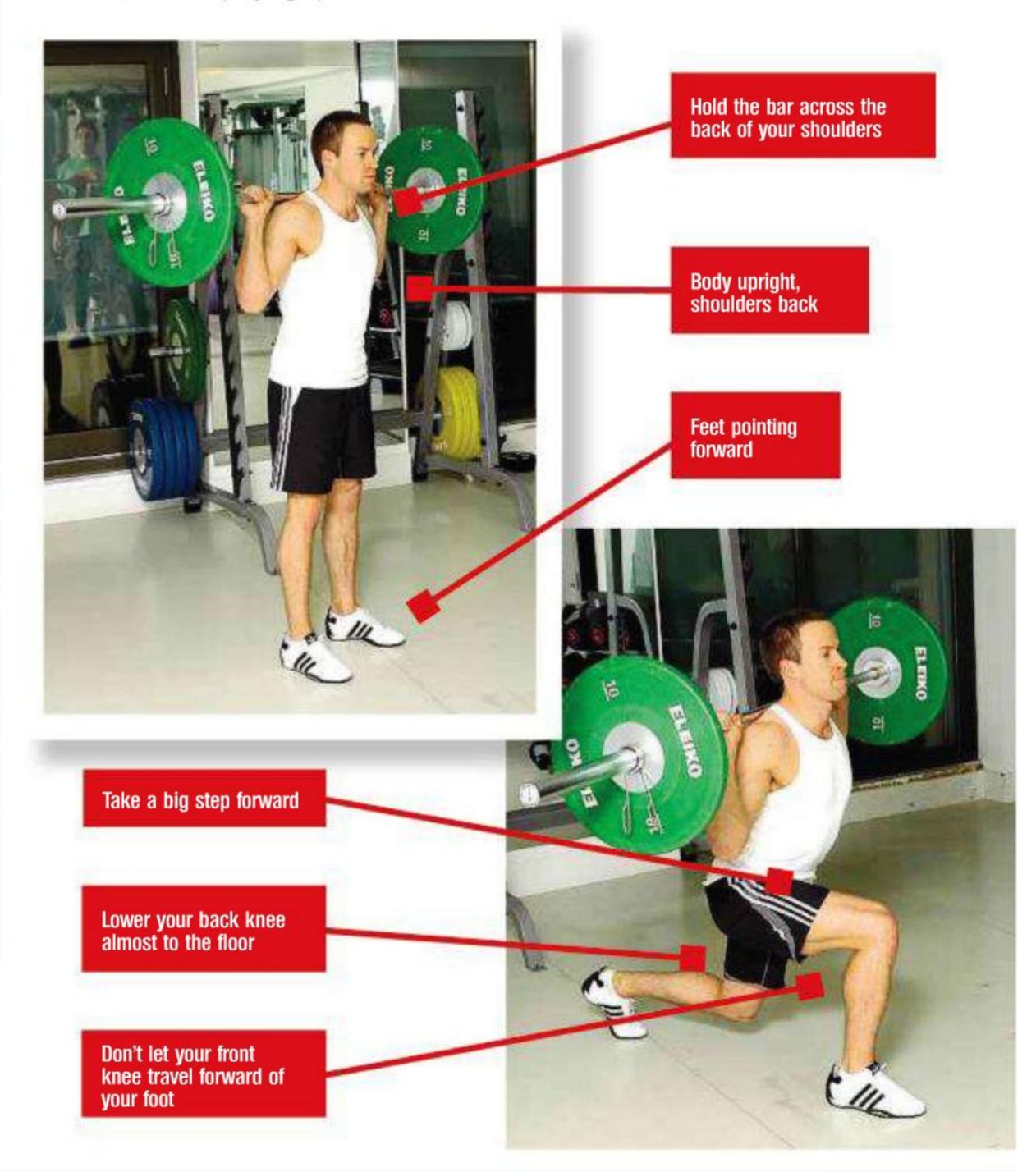
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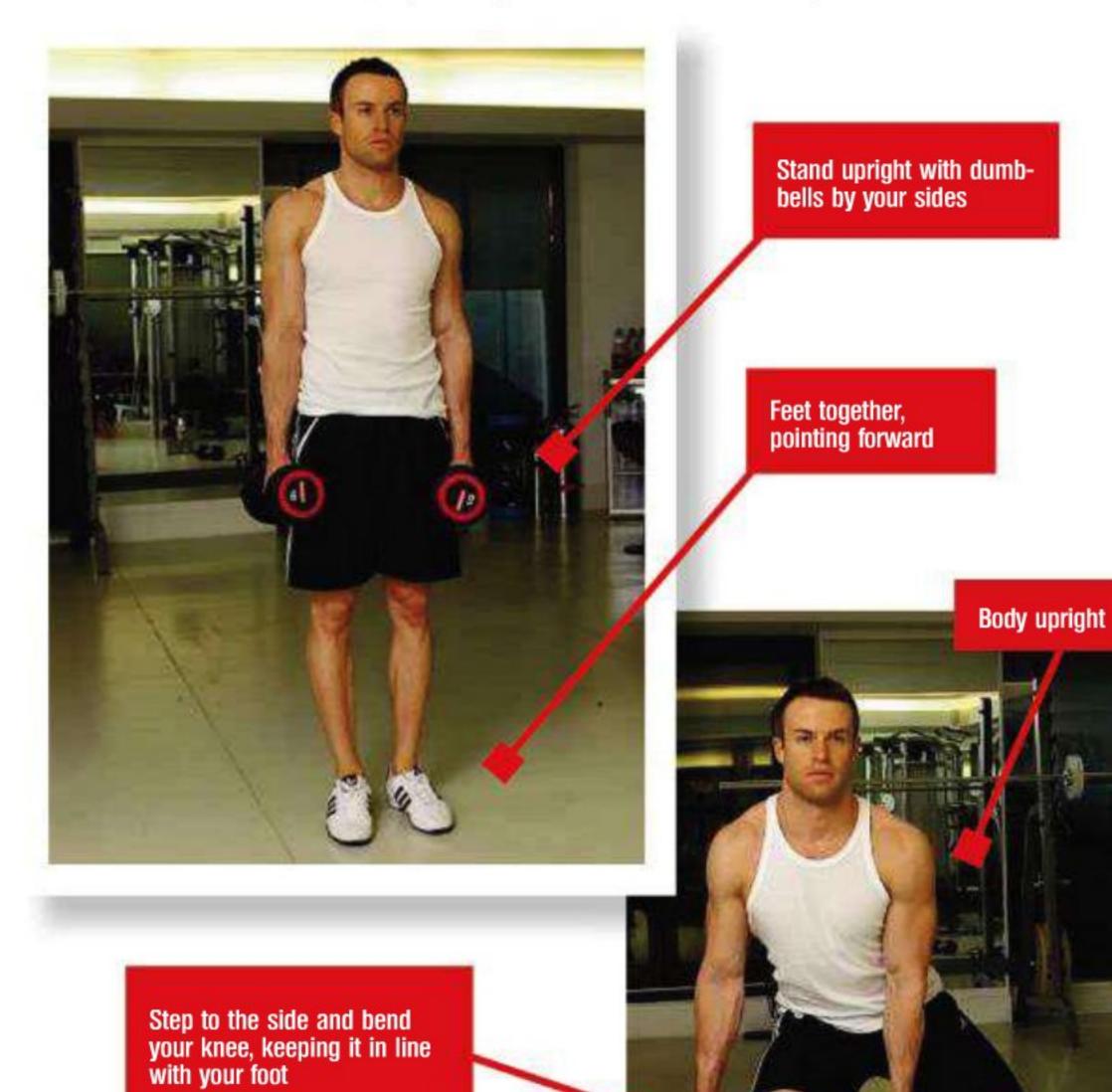




Lunging to the side works your quads and your inner thighs. You can develop this move by lunging at different angles to stimulate your leg muscles in different ways.









Back leg straight





Leaping from one lunge to another will build fast-twitch muscle fibres and also requires a lot of energy, so it's a great way of burning calories and improving cardiovascular fitness.





LIGHT WEIGHTS



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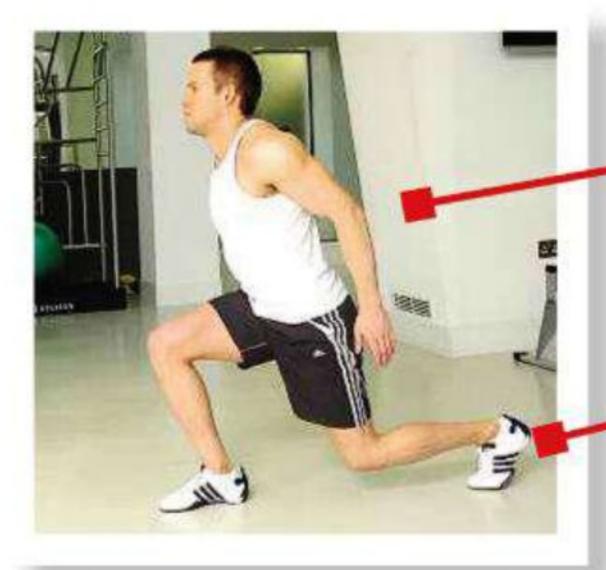


EXPLOSIVE



CORE

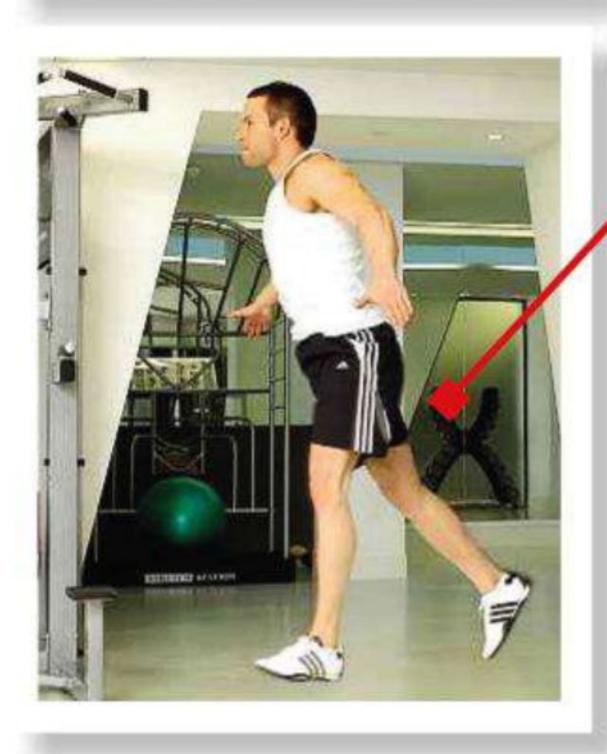




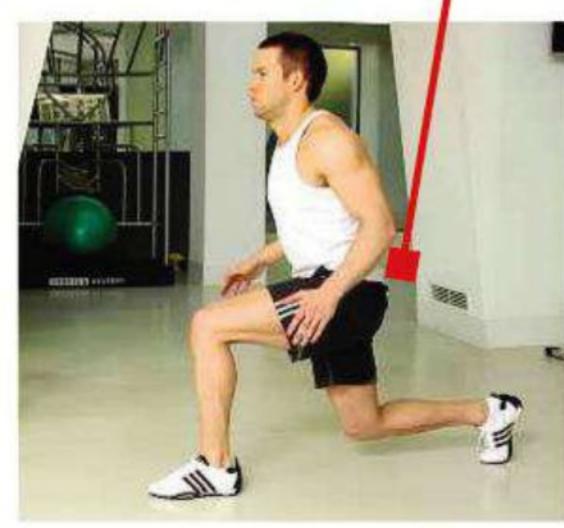
Start from a lunge position and draw your arms back, ready to jump

Feet pointing forwards





Land in a lunge on the opposite side and go straight into the next jump

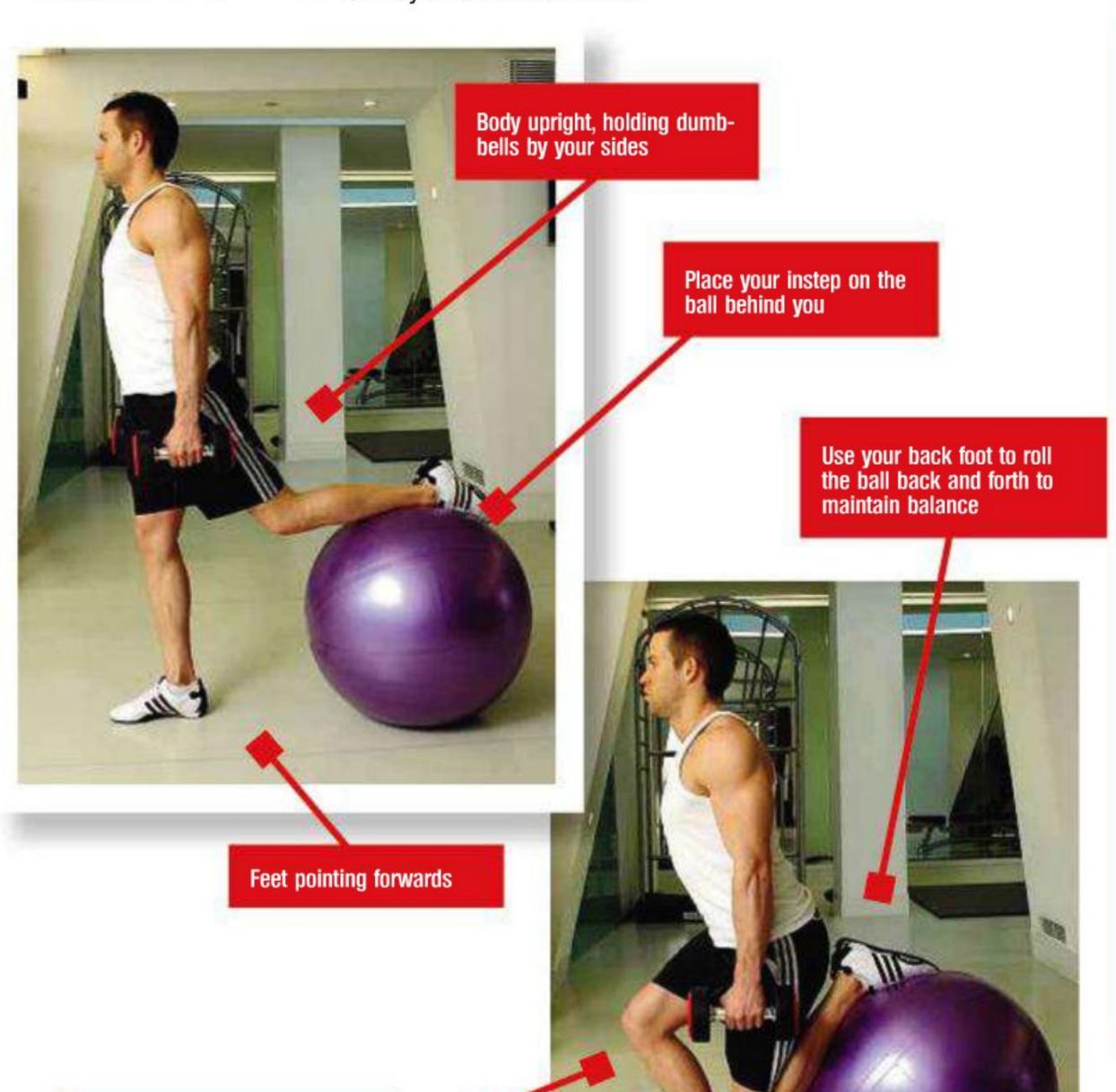


GYM BALL BULGARIAN SPLIT SQUAT

Placing your back foot on a gym ball puts you in a very unstable position, so your muscles are required to work hard to keep you steady and maintain form.











GO HEAVY



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ISOLATION



STABILISER



FORM ALERT



EXPLOSIVE



CORE



Bend your front knee, keeping it in line with your foot



88

Target your hamstrings with a move that allows you to shift a lot of weight under control.





LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



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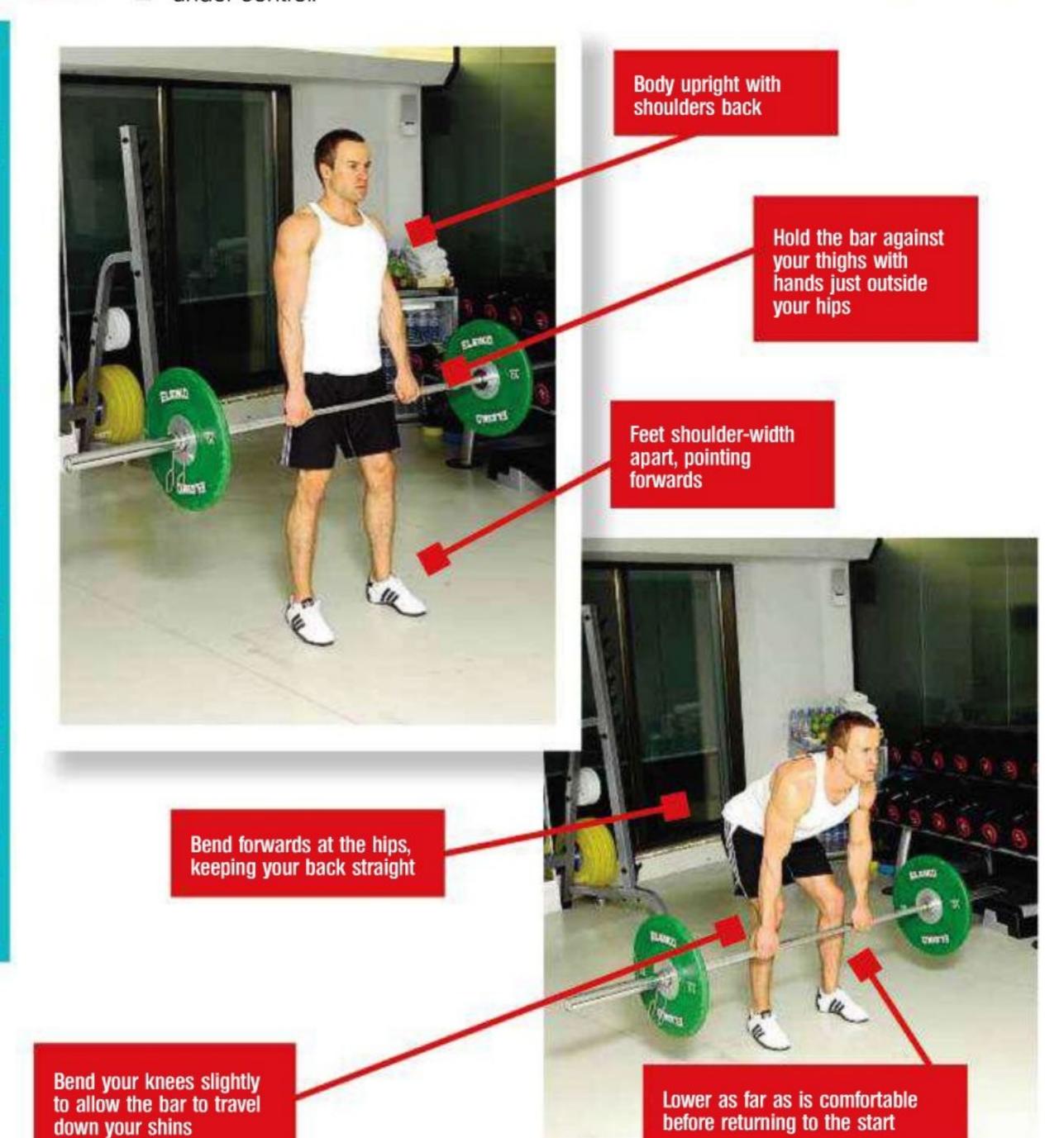
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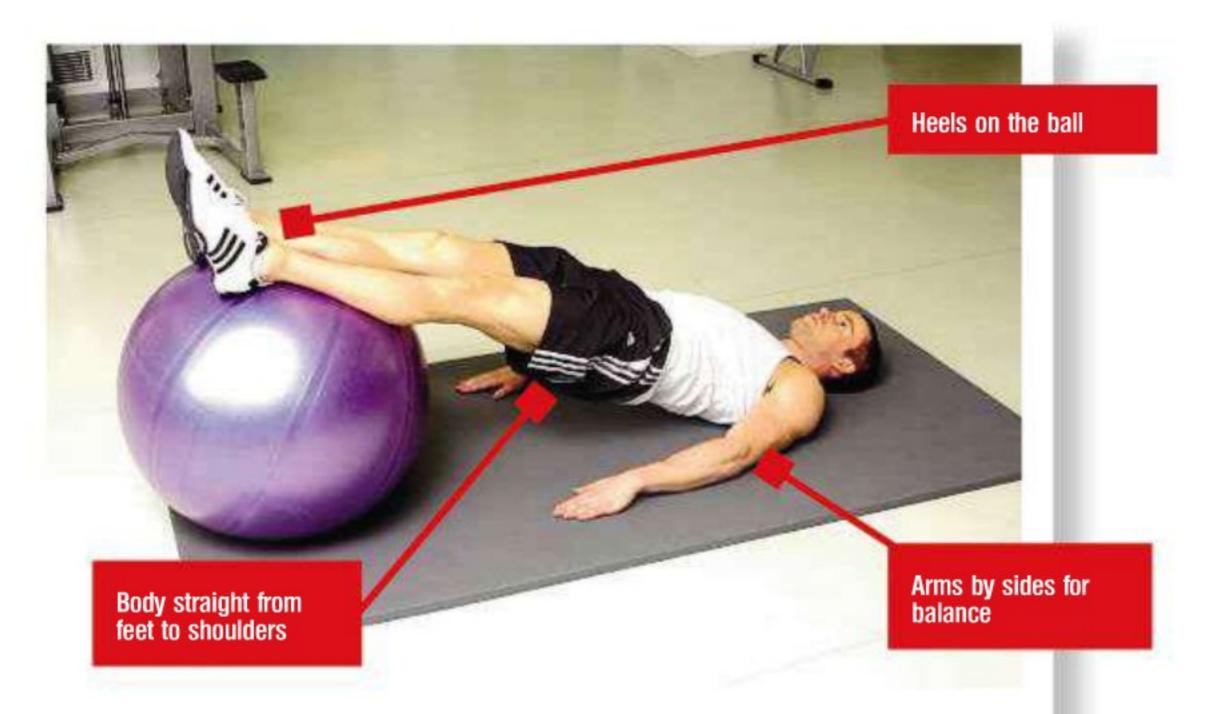






Isolate your hamstrings with a move that looks simple but will soon exhaust your hams, especially if you do it immediately after Romanian deadlifts.



























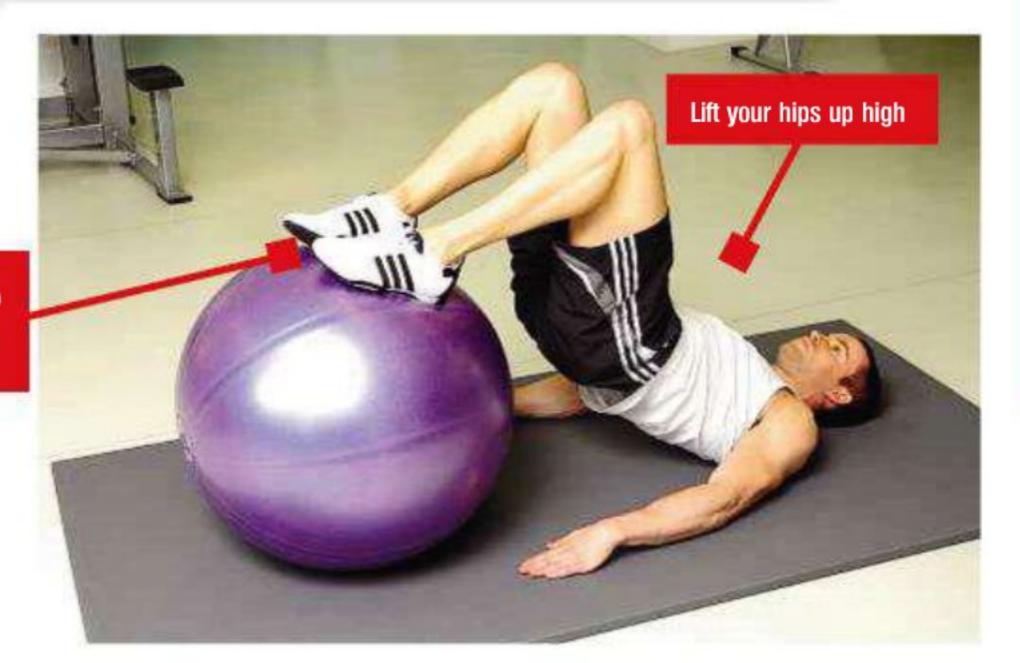
EXPLOSIVE



CORE



Draw the ball into your backside using your heels





Keep this move slow and controlled to build strength and stability in your glutes and hamstrings.



LIGHT WEIGHTS



GO HEAVY



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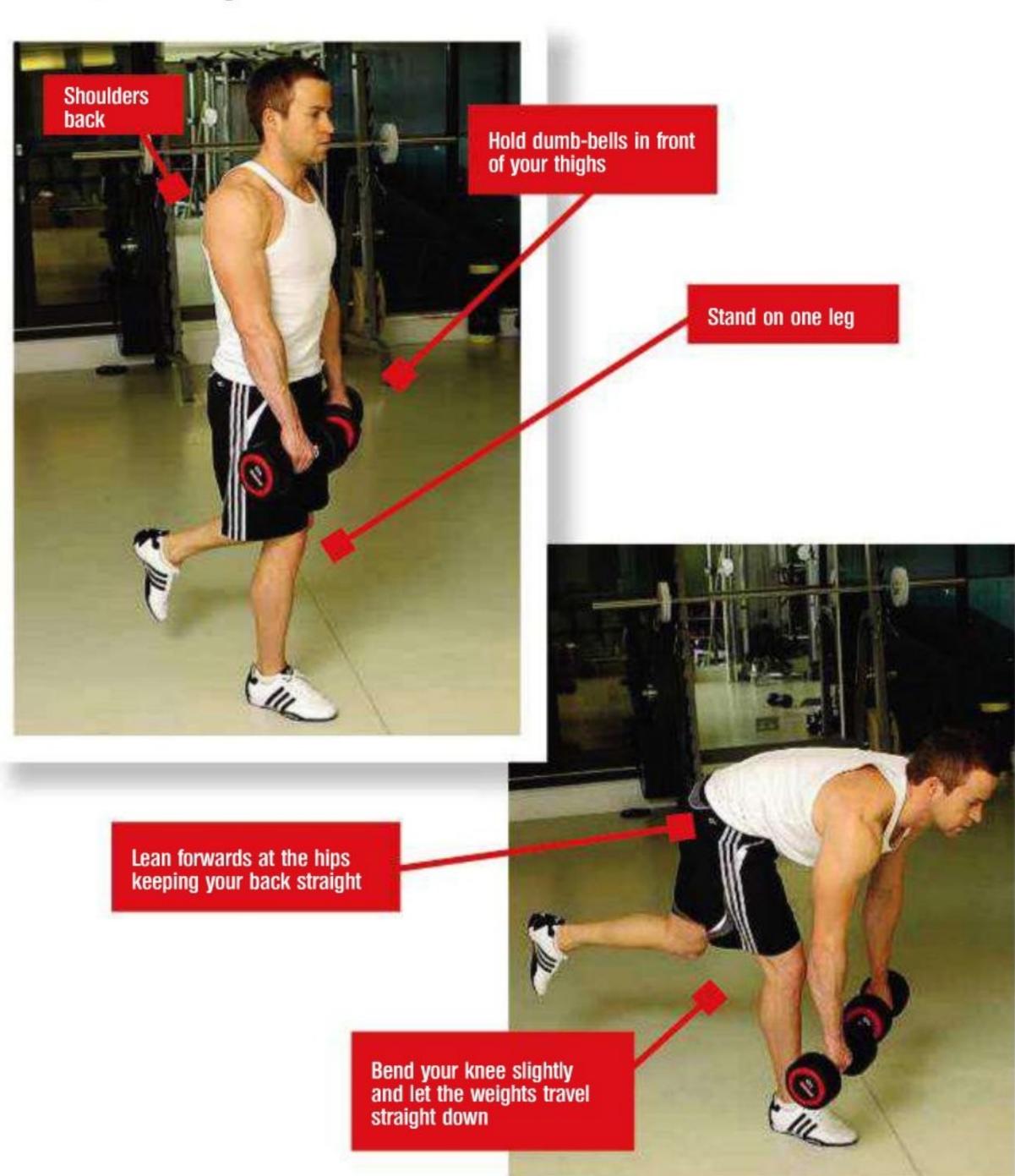
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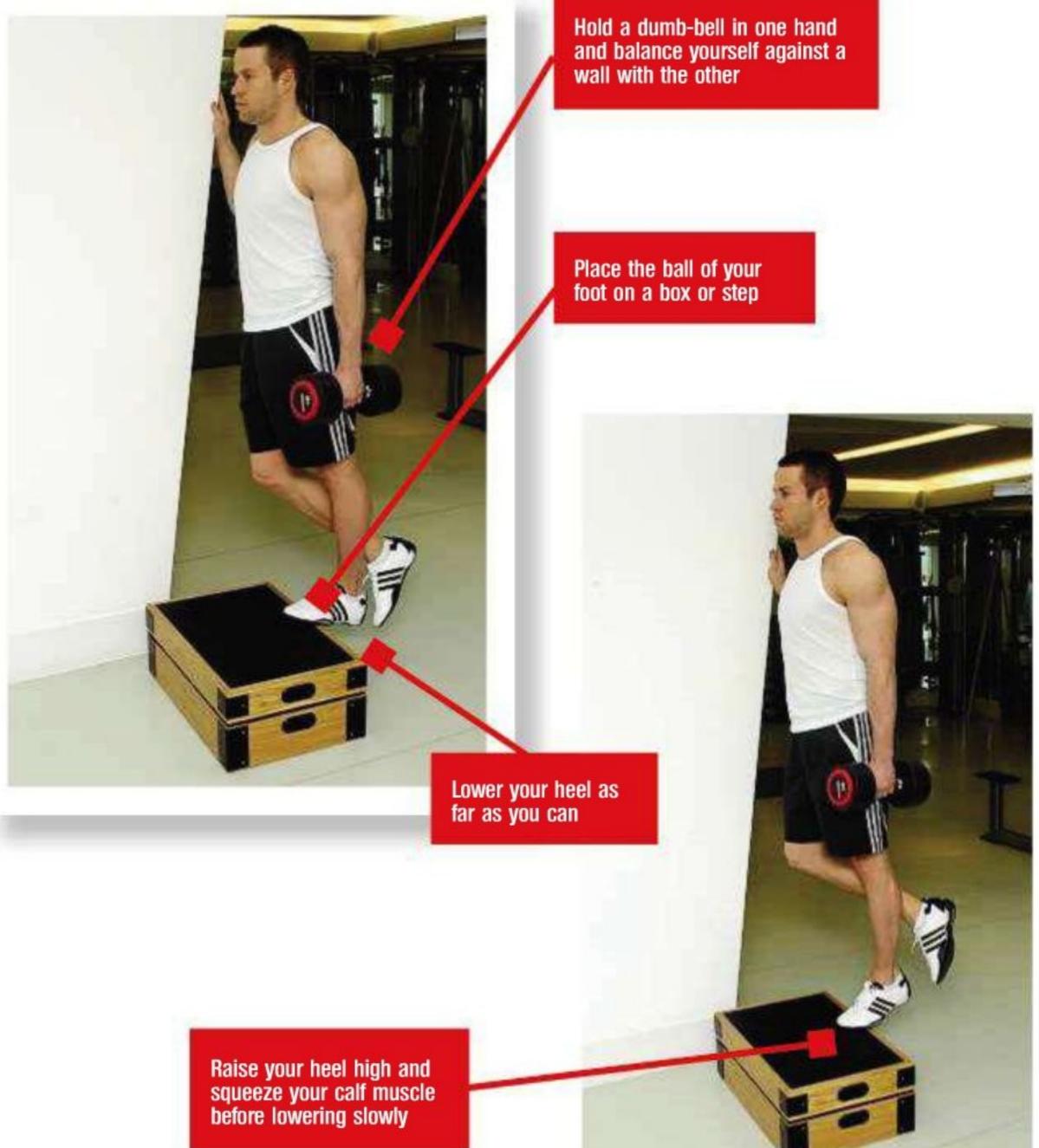
LEGS

STANDING CALF RAISE



Don't neglect your calves - add as much weight as you can manage to stimulate these hard-tobuild muscles.







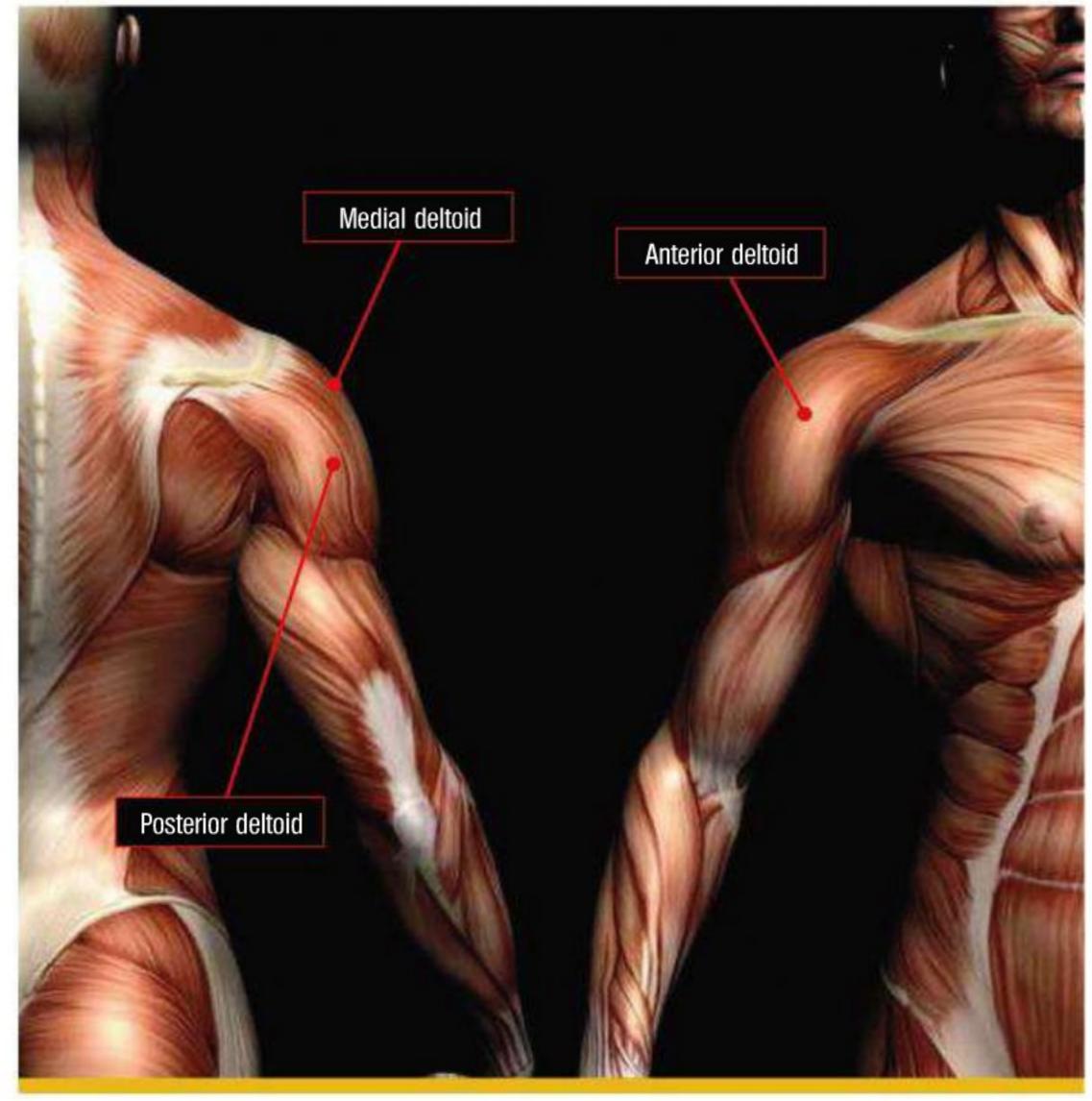


Shoulders



The main shoulder muscle, the deltoid, is a three-part muscle that goes around the shoulder joint. The anterior (front) deltoid starts on the collarbone, the medial (middle) deltoid starts on the top of the shoulder and the posterior (rear) deltoid starts on the shoulder blade.

The anterior deltoid is involved in pushing moves that also work the chest, such as the bench press. The medial deltoid is responsible lifting your arms straight overhead and the posterior deltoid is called upon when you raise your arms out from your sides.





This is the classic move for building bigger, stronger shoulders. Be sure to keep your core muscles contracted throughout to prevent excess stress on your lower back.





LIGHT WEIGHTS



GO HEAVY



COMPOUND





STABILISER



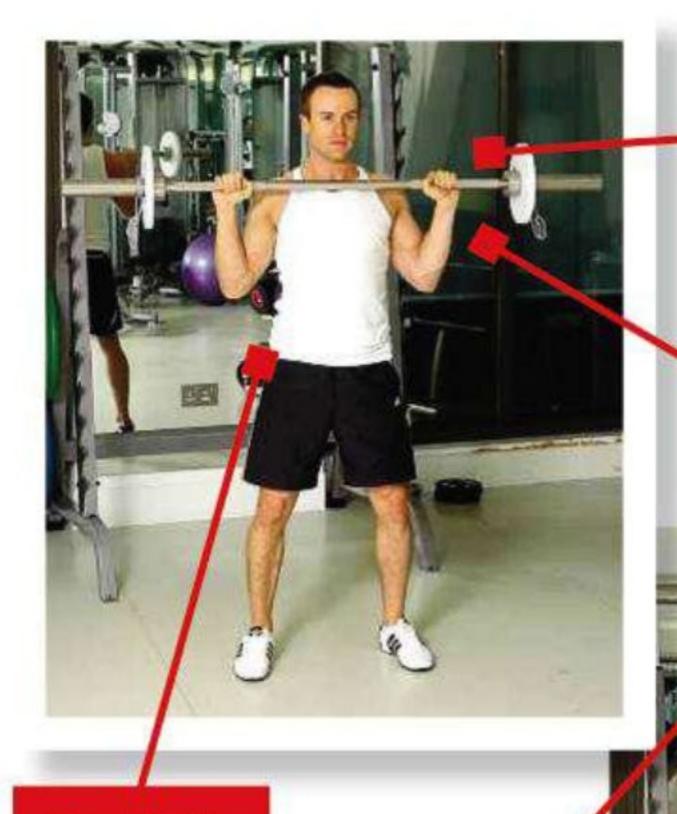
FORM ALERT



EXPLOSIVE







Hands just wider than shoulder-width apart

Hold the bar above your chest

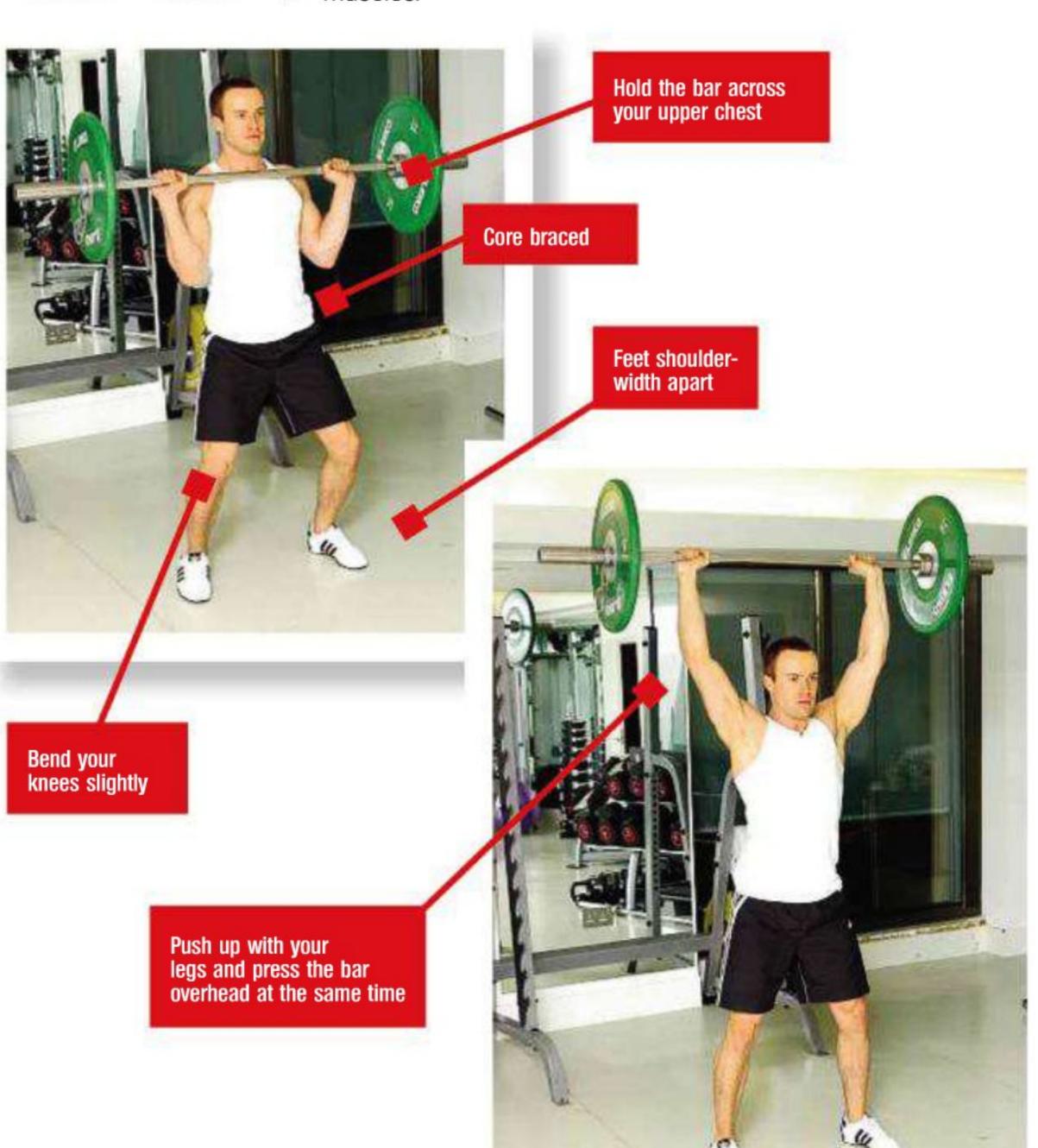
Body upright with core braced

> Press the weight directly overhead





Using your legs to initiate the move allows you press more weight, which in turn builds bigger muscles.











GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT



EXPLOSIVE



CORE





94

When you don't have any weights to hand you can still build your shoulders. Just make sure you can control your own bodyweight so you don't fall on your face.





LIGHT WEIGHTS



GO HEAVY



COMPOUND



SOLATION



STABILISER



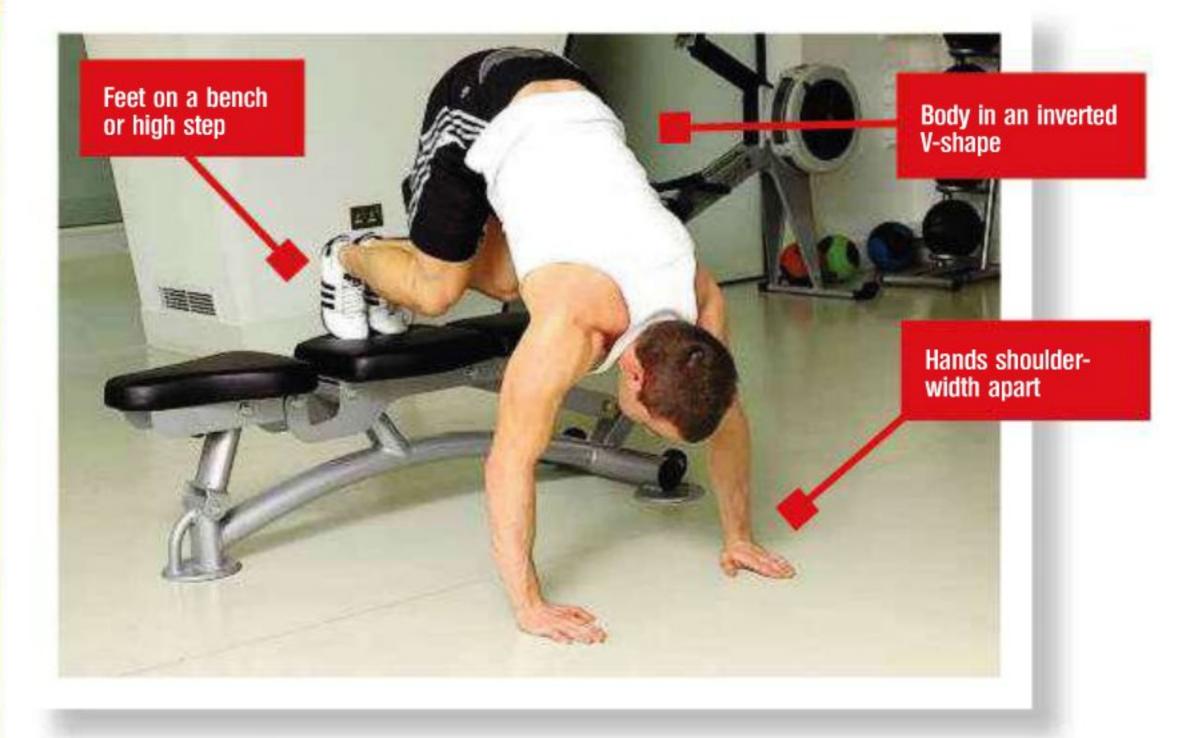
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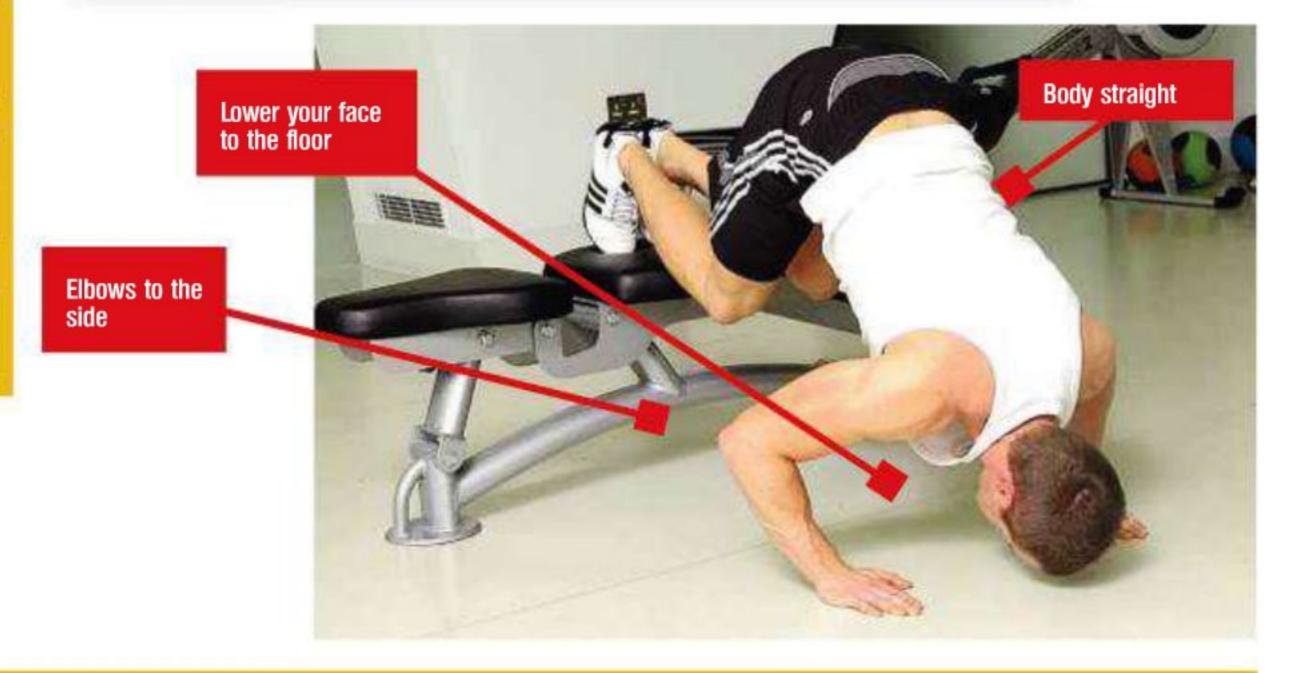


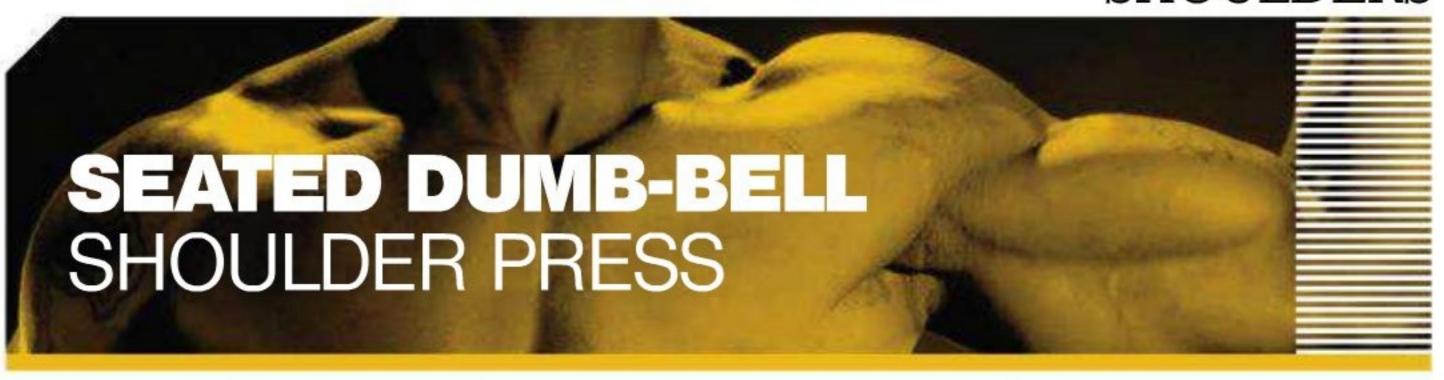
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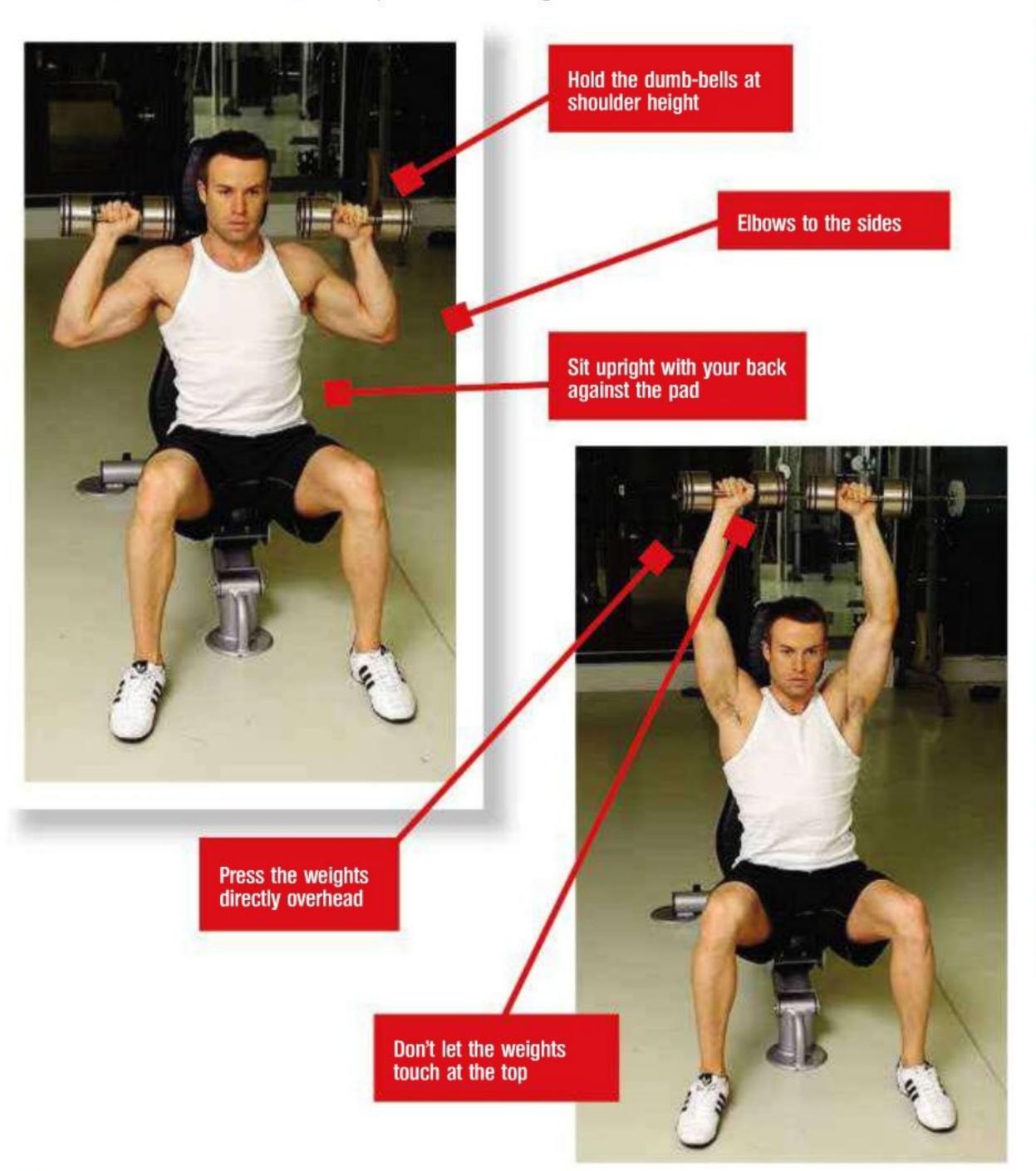


The dumb-bells allow you to work each side of your shoulders independently, and also let your arms raise in their natural arc compared with using a barbell.





LIGHT WEIGHTS









This twist on the dumb-bell press combines a pushing motion with a rotational one, hitting your deltoids from several angles at once.





LIGHT WEIGHTS



GO HEAVY



COMPOUND



ISOLATION



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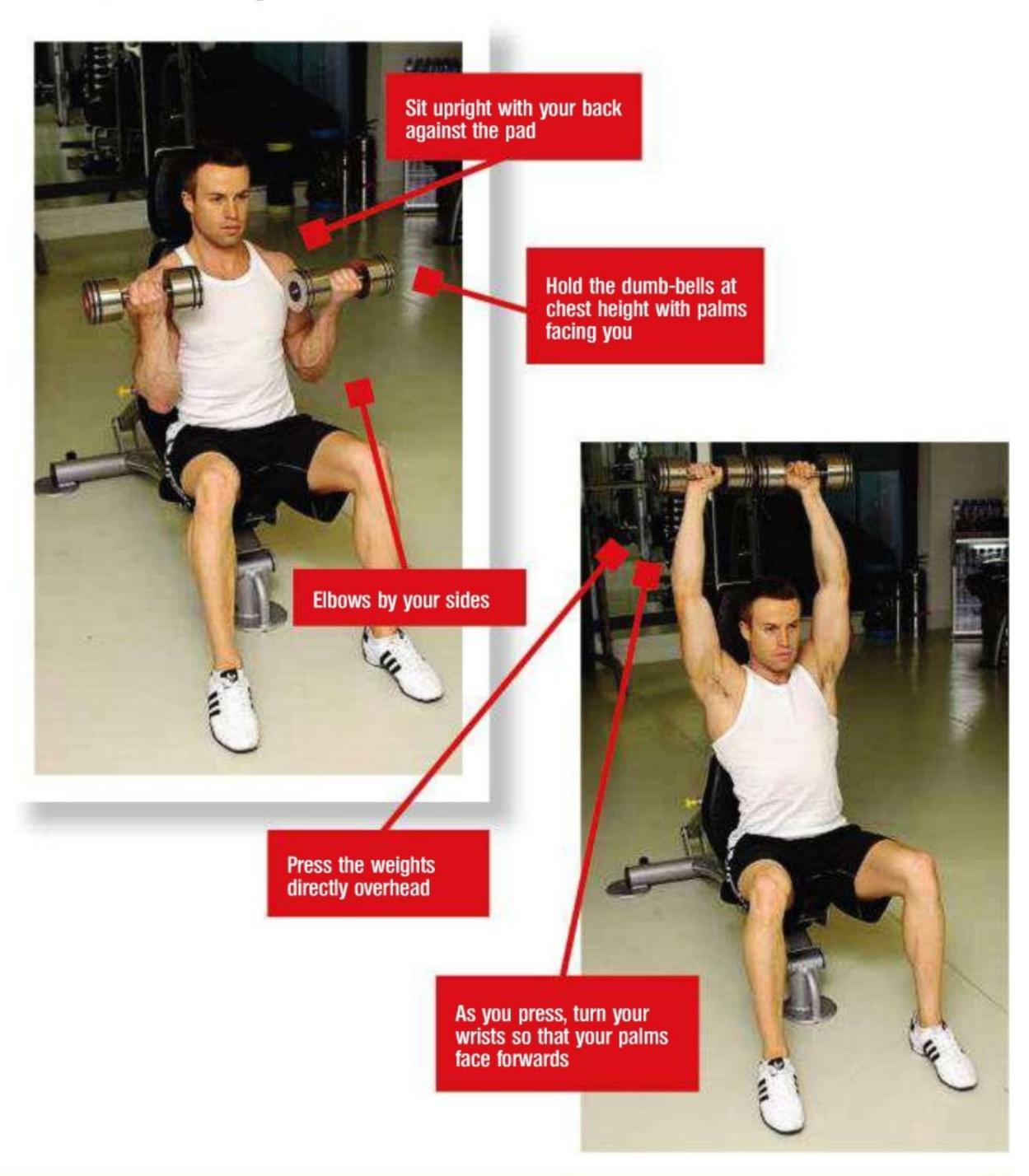


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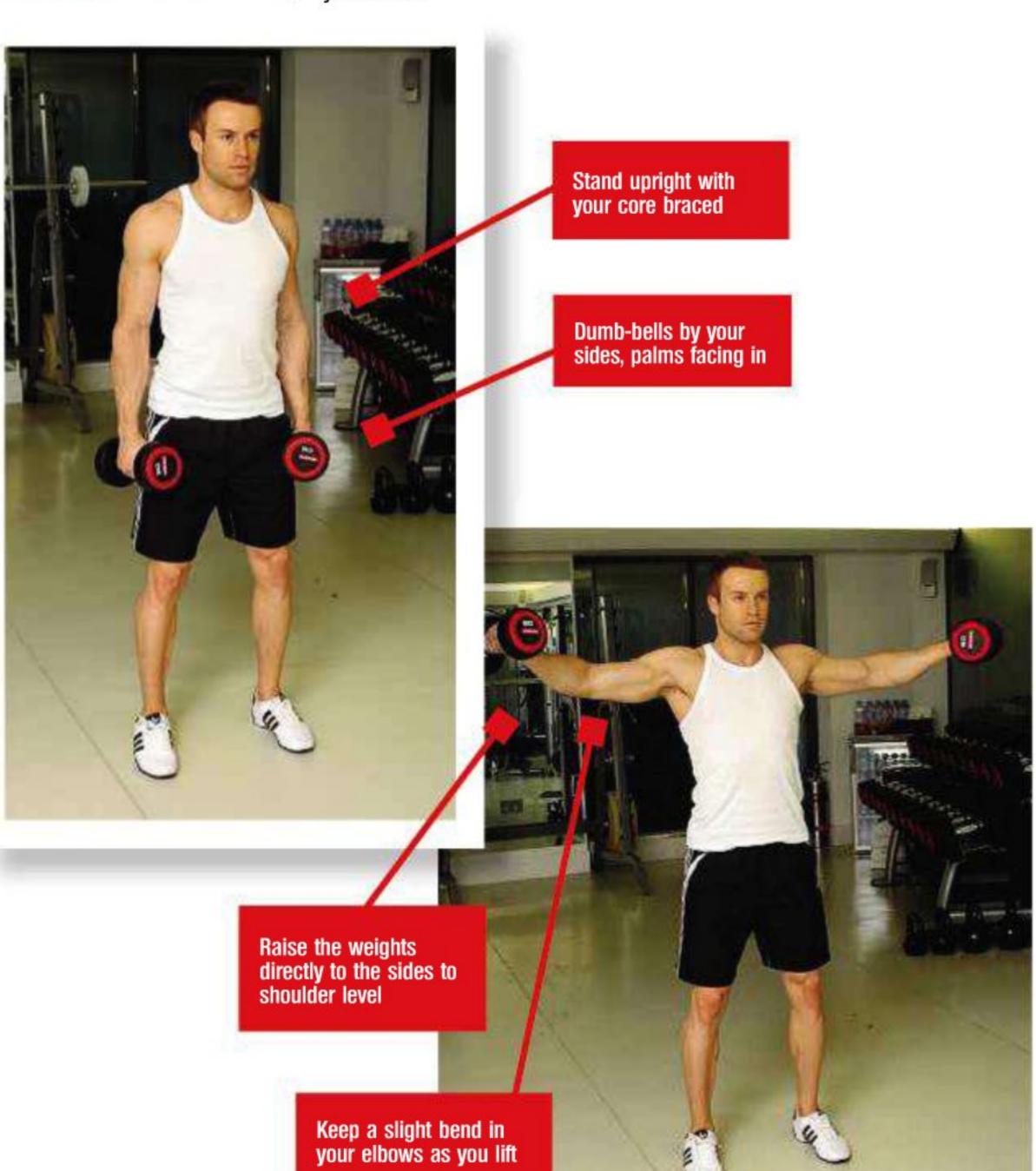
COR







Isolate your deltoids with a single-joint move that gets harder the slower you do it.







GO HEAVY



COMPOUND





STABILISER



FORM ALERT



EXPLOSIVE







98

Place the emphasis on your front deltoids, using light weights to protect the vulnerable rotator cuff muscles around your shoulder joint.



LIGHT WEIGHTS



GO HEAVY



COMPOUND



SOLATION



STABILISER



FORM ALERT

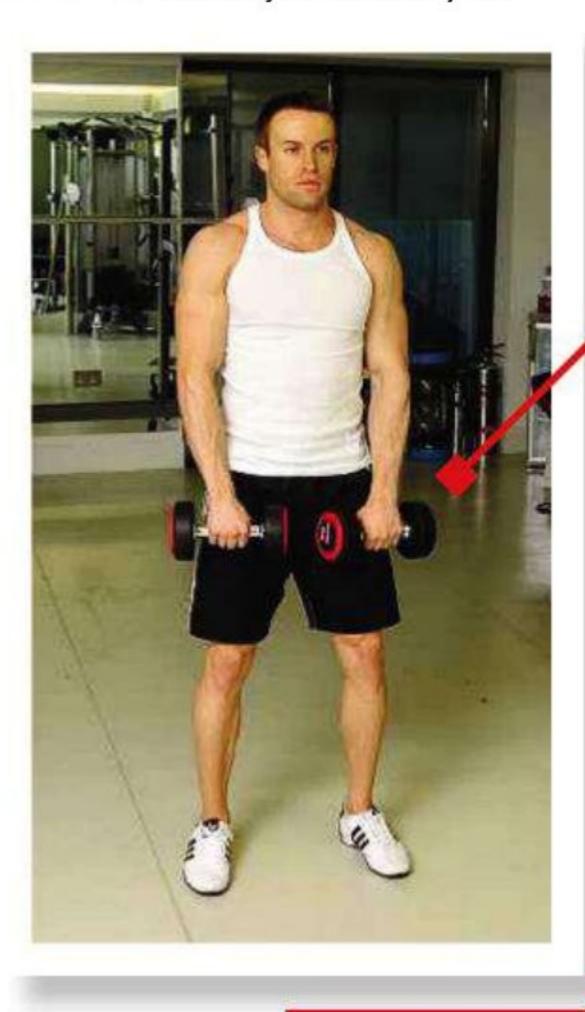


EXPLOSIVE



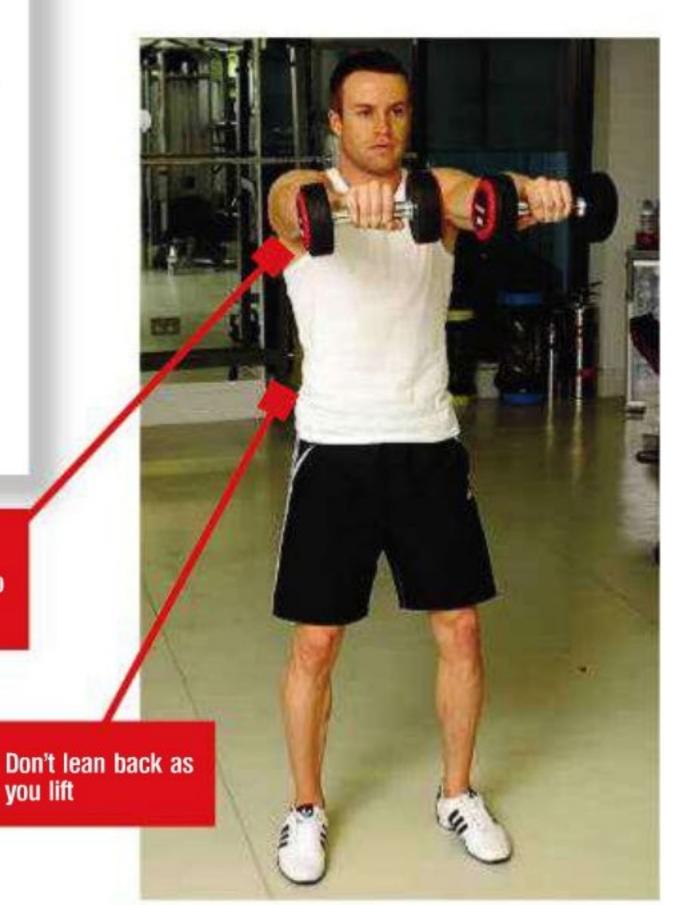
COR





Hold dumb-bells in front of your thighs, palms facing you

Raise the weights directly in front of you to shoulder height

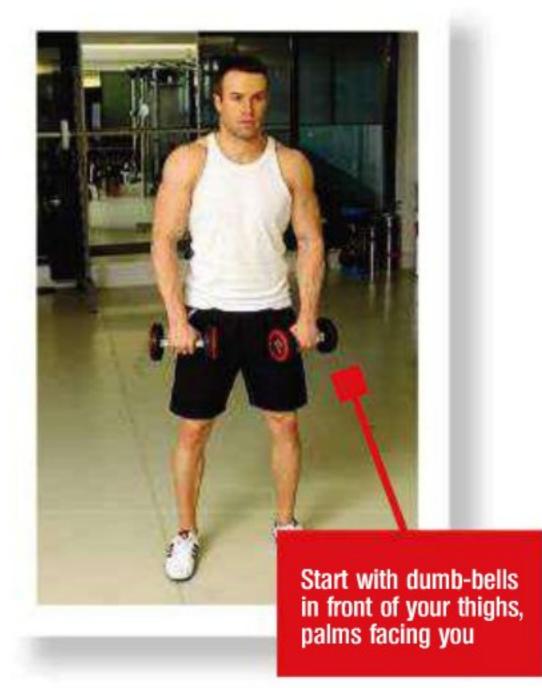




This complex move works your shoulder through several planes of motion, helping to strengthen your rotator cuffs - the muscles that stabilise your shoulder joint.









Raise your elbows to the sides, keeping your forearms pointing down





GO HEAVY



COMPOUND



ISOLATION



STABILISER



FORM ALERT



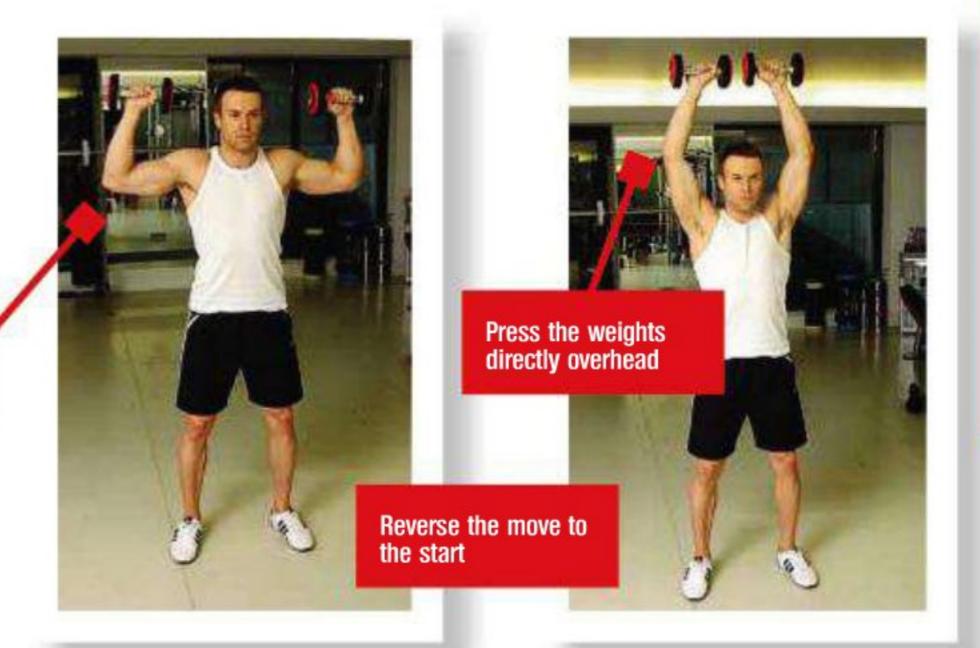
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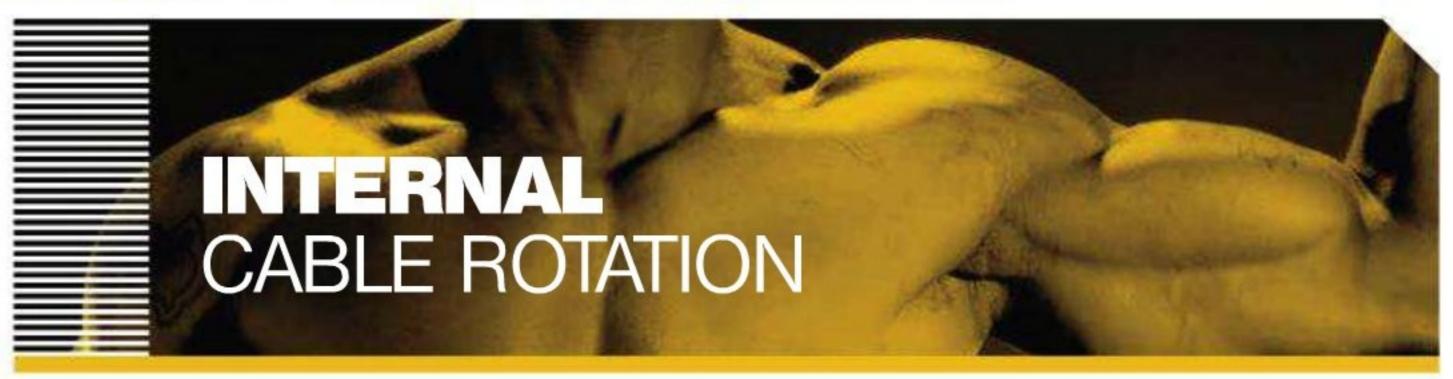


CORE



Rotate your upper arms until your forearms point up





Use this move as a warm-up for your shoulder joint before going on to do heavy lifts.





LIGHT WEIGHTS



GO HEAVY



COMPOUND





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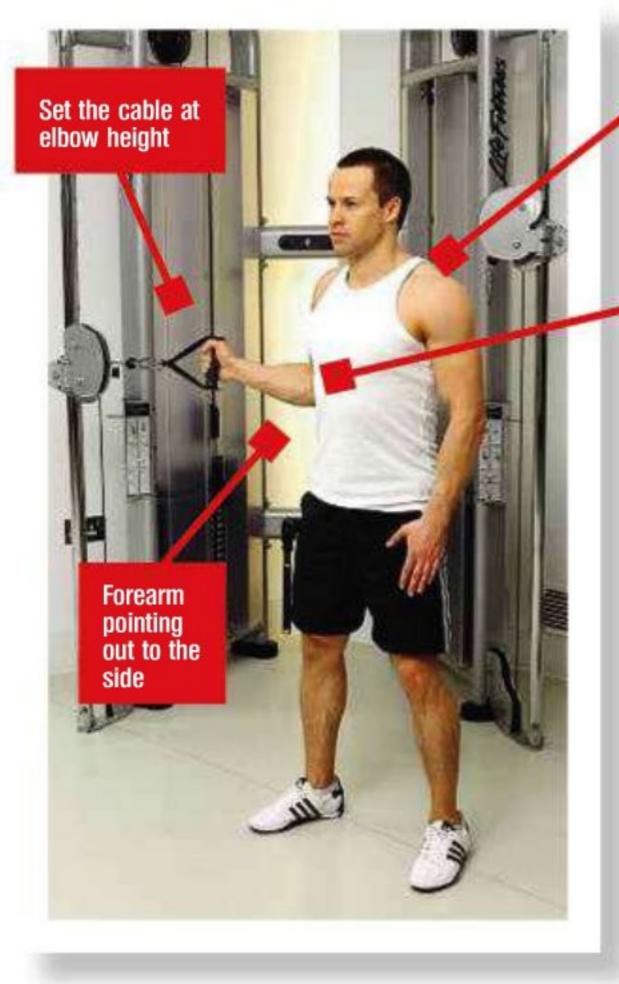
FORM ALERT



EXPLOSIVE







cable machine

Stand side-on to the

Tuck your elbow in to your side



Keep a 90° bend in your arm

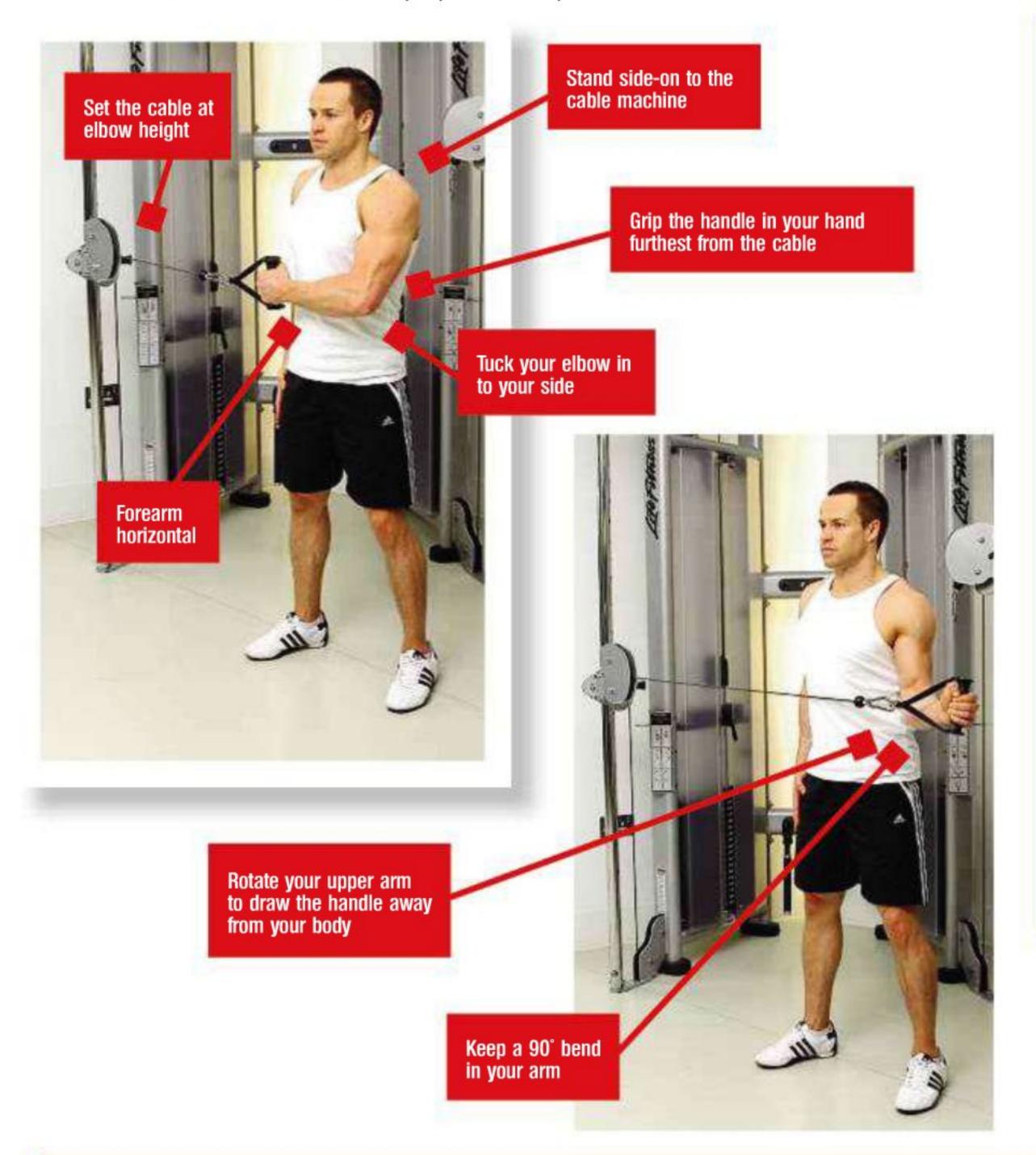
Rotate your upper arm to draw the handle in to your abdomen



This works your rotator cuff muscles in the opposite plane to the internal rotation. Combine the two exercises together to give your shoulders a proper warm-up.











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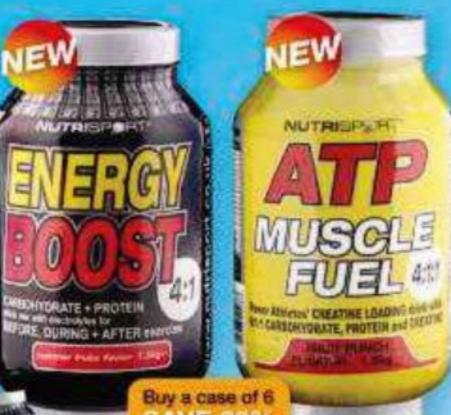
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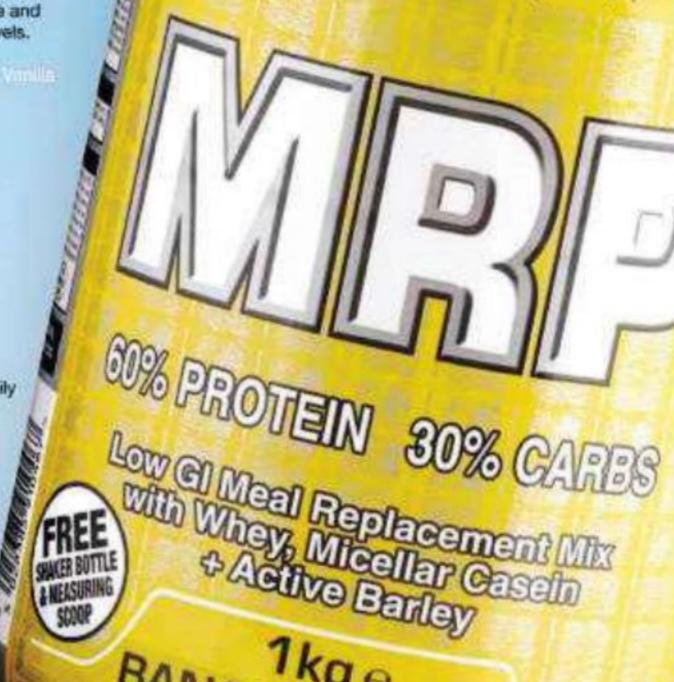
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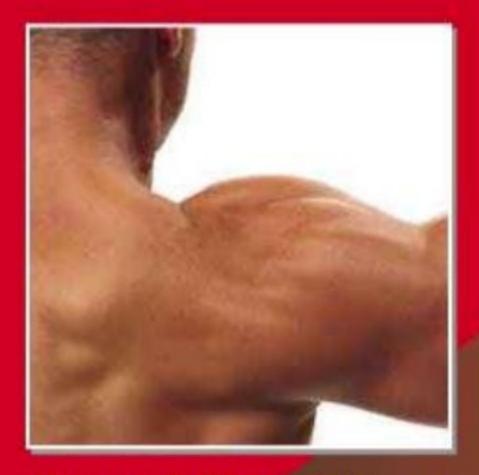
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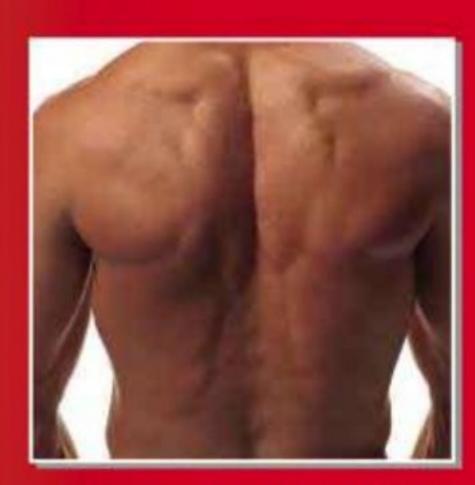
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