

## accessories

## greasing couplers

## KY coupler

Standard supergrip coupler supplied with all Macnaught grease guns. Designed to fit most grease nipples and grease guns. Can be purchased separately or in packets of 8 (KY-8). Threads 1/8" BSP



## KDN right angle needlepoint coupler

Ideal where access to the grease nipple is minimal.



## KDR right angle coupler

For use in spaces when the area above the nipple is limited.



## KDS right angle coupler

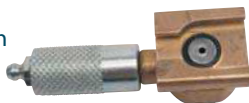
A slightly shorter version of the KDR.

Along with the KDN and KDR, it can be used with a flexible extension.



## KSR standard buttonhead coupler

For use on plant and machinery fitted with 5/8" buttonhead nipples. Length 72 mm (2 3/4").



## KGR giant buttonhead coupler

For use on plant and machinery fitted with 7/8" buttonhead nipples. Length 85 mm (3 3/8").



## KRV pressure release valve

Helps to prevent nipples from breaking off and couplers from splitting. Recommended for use with the K7 MINILUBE®, P3 POWERLUBE®, and P6 and P8 MAXILUBE®.



## KZD needlenose coupler

Used when nipples are recessed and standard couplers would meet with interference from surrounding components (universal joints, etc). Length 93 mm (3 3/4").



## KZDXL straight needlepoint coupler

Ideal for greasing the bearings on four wheel drive vehicles. Length 120 mm (4 3/4").



## KZE concave nipple coupler

Used when vehicles are fitted with special nipples or, in some cases, when normal nipples are damaged. Length 60 mm (2 1/4").



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## KZX concave nipple coupler

A similar coupler to the KZE but fitted with a rigid extension. Length 200 mm (8").



## KN grease injector needle

Small needle used to inject sealed bearings and small lubrication points with grease when no grease nipples are present. Length 64 mm (2 1/2").



## KZHY hyperdermic needlepoint coupler

Ideal for use on bearings fitted with rubber dust covers. Length 130 mm (5 1/8").



## KZLN45 needlepoint coupler

Push on needle point grease extension with 45° angle at the end. Ideal for use with aircrafts. Length 300 mm (12")



## KZLNJ needlepoint coupler

Push on needlepoint extension with j bend at the end. Ideal for use with aircrafts. Length 300 mm (12")



## KZLNR needlepoint coupler

Push on needlepoint extension with 90° angle at the end. Ideal for use with aircrafts. Length 300 mm (12").



## KZLNS needlepoint coupler

Push on needlepoint grease extension, ideal for use with four wheel drive vehicles. Length 300 mm (12")



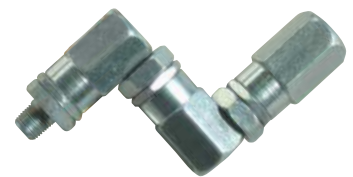
## KZSNR 90° needlepoint coupler

An 110 mm (4 1/4") needlepoint coupler with a 90° bend at the end.



## ZSB swivel

A 360° swivel supplied either separately or with the B2 Booster Gun. Threads 1/8" NPT (M) x 1/4" NPT (F).



# grease extension hoses

## KDE8 extension

A 200 mm (8") push on rigid extension coupler with a nipple to fit onto the KY coupler. For use with grease guns.



## KFR rigid/flexible extension

A 330 mm (13") extension with a sliding sleeve that allows for either flexible or rigid operation. The thread is 1/8" BSP (M) and fitted with a KY coupler.

