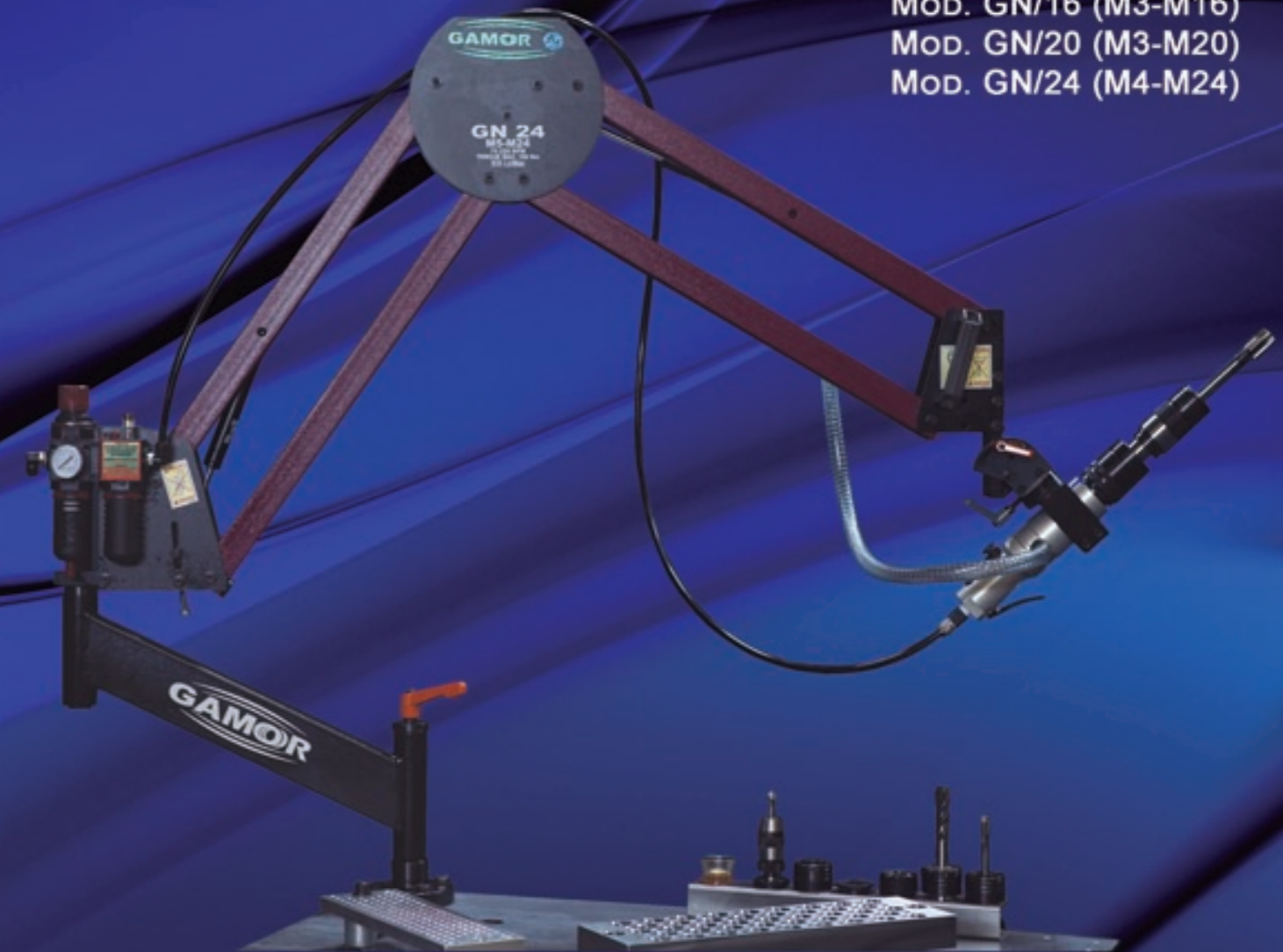




ROSCADORAS NEUMÁTICAS
AIR TAPPING MACHINES
TARAUDEUSES PNEUMATIQUE

- Mod. GN/8 (M2-M8)
- Mod. GN/12 (M3-M12)
- Mod. GN/16 (M3-M16)
- Mod. GN/20 (M3-M20)
- Mod. GN/24 (M4-M24)



SIMPLICIDAD INMEJORABLE
SUPERBE SIMPLICITÉ
SUPERB SIMPLICITY



ASTEASU INDUSTRIALDEA, ZONA E, PAB. 73-74
20159 ASTEASU (GIPUZKOA SPAIN)
TFNO.: +34 943 691 093 - 98 - 99
FAX: +34 943 691 539

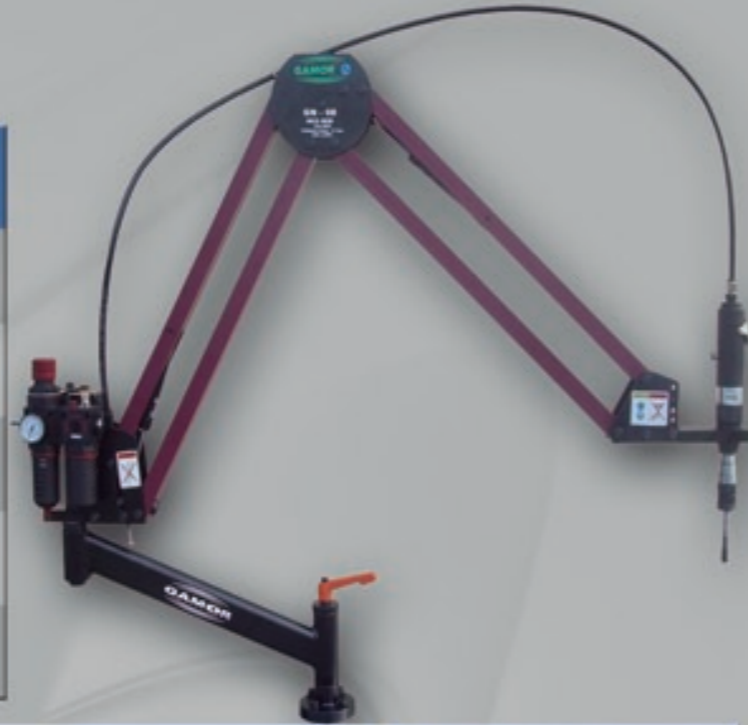
gamor@gamor.es
www.gamor.es

gamor@gamor.com
www.gamor.com

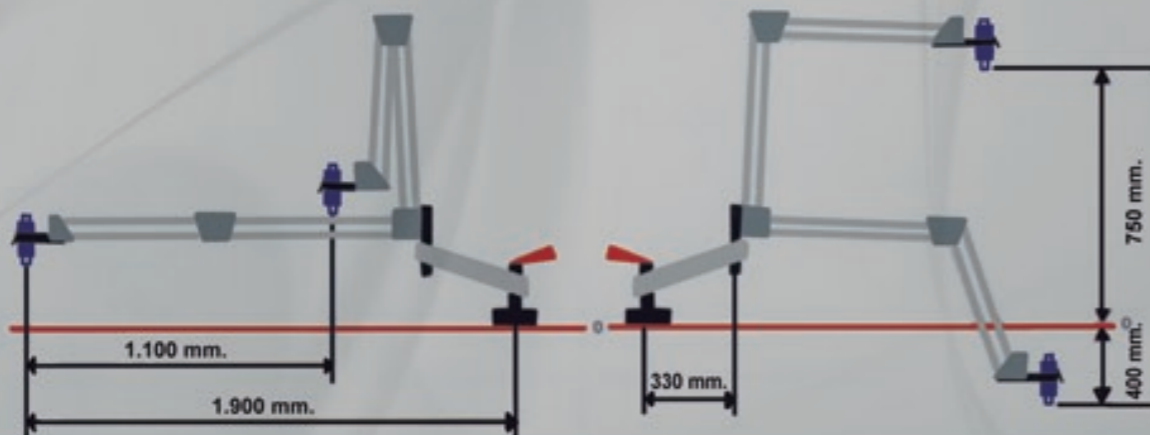
Distribuidor:
Distributor:
Distributeur:

MOD. GN/8 M2-M8
MOD. GN/12 M3-M12

| CARACTERÍSTICAS TÉCNICAS TECHNICAL CHARACTERISTICS CARACTERISTIQUES TECHNIQUES | | |
|--|----------------------------------|----------------|
| CAPACIDAD CAPACITY CAPACITE | M2-M8 13Nm | M3-M12 33Nm |
| VELOCIDAD SPEED VITESSE | 700 RPM | 400 RPM |
| RADIO DE ACCIÓN WORK RANGE SURFACE DE TRAVAIL | R.max. 1900 mm. R.min. 200 mm | |
| PRESION DE TRABAJO WORKING PRESSURE PRESION DU TRAVAIL | 7 kg./cm2 840 lt/min | |
| PESO WEIGHT POIDS | 20 KG | |



ÁREA DE TRABAJO • WORK AREA • SURFACE DE TRAVAIL



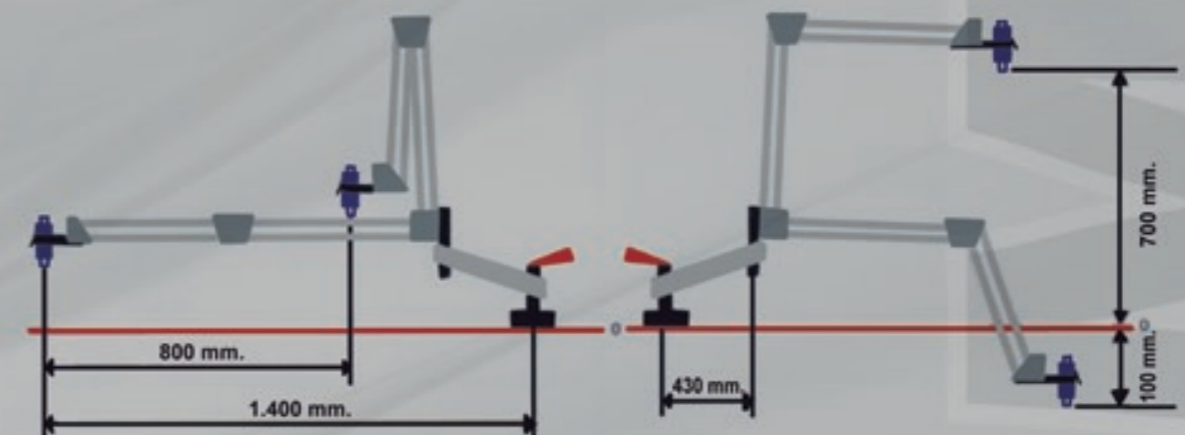
| EQUIPAMIENTO DE SERIE | BASIC EQUIPMENT | EQUIPEMENT DE SERIE |
|--|--|--|
| Motor neumático GAMOR, serie A | Pneumatic engine GAMOR, serie A | Moteur pneumatique GAMOR, serie A |
| Brazo reforzado de estructura de Duraluminio (paralelogramo) | Reinforced arm structure of hard aluminum (parallelogram) | Bras renforcé de structure de Duralumin (parallélogramme) |
| Columna de fijación a mesa | Table attachment column | Colonne de fixation sur table |
| Filtro de aire | Air filter | Filtre à air |
| Portapinzas de Ø19 | Tapping chuck Ø19 | Porte-pinces Ø19 |
| Equipo de 6 Cabecillas con embrague de M2 a M8 o M4 a M12 | Set of 6 tap holders with safety clutch from M2 to M8 or M4 to M12 | Ensemble de 6 porte-taroud avec l'embrayage de M2 à M8 ou M4 à M12 |
| EQUIPAMIENTO OPCIONAL | OPTIONAL FITTINGS | ACCESSOIRES EN OPTION |
| Roscado Vertical/Horizontal | Vertical/Horizontal tapping | Taroudage Vertical/Horizontal |
| Imán de amarre | Mooring magnet | Base magnétique |
| Equipo de refrigeración de machos | Tap cooling equipment | Lubrification du taraud |
| Centrador magnético | Centring device magnet | Centreur magnetique |

MOD. GN/16 M3-M16

| CARACTERÍSTICAS TÉCNICAS TECHNICAL CHARACTERISTICS CARACTERISTIQUES TECHNIQUES | |
|--|----------------------------------|
| CAPACIDAD CAPACITY CAPACITE | M3-M16 54 Nm |
| VELOCIDAD SPEED VITESSE | 300 RPM |
| RADIO DE ACCIÓN WORK RANGE SURFACE DE TRAVAIL | R.max. 1400 mm. R.min. 200 mm |
| PRESION DE TRABAJO WORKING PRESSURE PRESION DU TRAVAIL | 7 kg./cm2 935 lt/min |
| PESO WEIGHT POIDS | 20 KG |



ÁREA DE TRABAJO • WORK AREA • SURFACE DE TRAVAIL



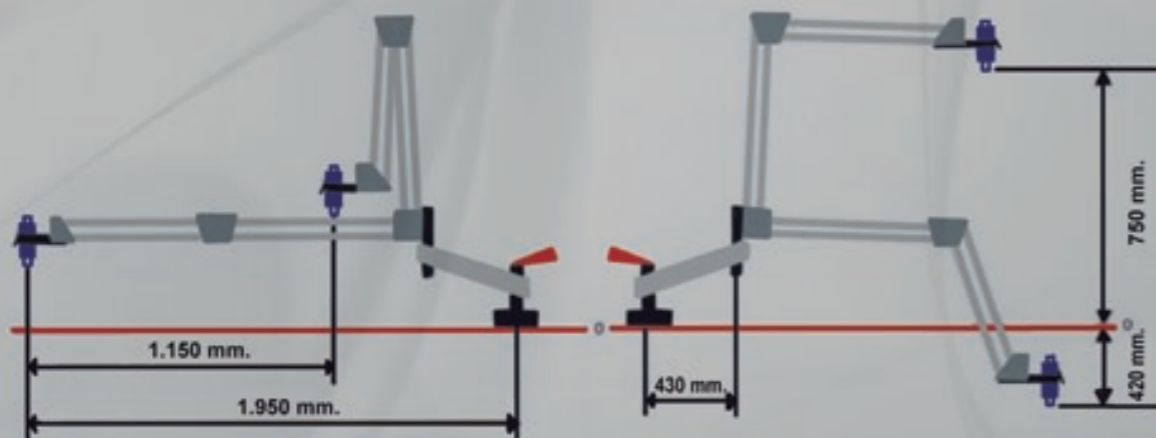
| EQUIPAMIENTO DE SERIE | BASIC EQUIPMENT | EQUIPEMENT DE SERIE |
|--|--|--|
| Motor neumático GAMOR, serie A | Pneumatic engine GAMOR, serie A | Moteur pneumatique GAMOR, serie A |
| Brazo reforzado de estructura de Duraluminio (paralelogramo) | Reinforced arm structure of hard aluminum (parallelogram) | Bras renforcé de structure de Duralumin (parallélogramme) |
| Columna de fijación a mesa | Table attachment column | Colonne de fixation sur table |
| Filtro de aire | Air filter | Filtre à air |
| Portapinzas de Ø31 | Tapping chuck Ø31 | Porte-pinces Ø31 |
| Equipo de 6 Cabecillas con embrague de M5, M6, M8; M10, M12, M16 | Set of 6 tap holders with safety clutch from M5, M6, M8; M10, M12, M16 | Ensemble de 6 porte-taroud avec l'embrayage de M5, M6, M8; M10, M12, M16 |
| EQUIPAMIENTO OPCIONAL | OPTIONAL FITTINGS | ACCESSOIRES EN OPTION |
| Roscado Vertical/Horizontal | Vertical/Horizontal tapping | Taroudage Vertical/Horizontal |
| Imán de amarre | Mooring magnet | Base magnétique |
| Equipo de refrigeración de machos | Tap cooling equipment | Lubrification du taraud |
| Centrador magnético | Centring device magnet | Centreur magnetique |

MOD. GN/20 M3-M20
MOD. GN/24 M4-M24

| CARACTERÍSTICAS TÉCNICAS TECHNICAL CHARACTERISTICS CARACTERISTIQUES TECHNIQUES | | |
|--|----------------------------------|-----------------|
| CAPACIDAD CAPACITY CAPACITE | M3-M20 90Nm | M4-M24 160Nm |
| VELOCIDAD SPEED VITESSE | 150/400 RPM | 70/220 RPM |
| RADIO DE ACCIÓN WORK RANGE SURFACE DE TRAVAIL | R.max. 1950 mm. R.min. 200 mm | |
| PRESION DE TRABAJO WORKING PRESSURE PRESION DU TRAVAIL | 7 kg./cm2 935 lt/min | |
| PESO WEIGHT POIDS | 34 KG | |



ÁREA DE TRABAJO • WORK AREA • SURFACE DE TRAVAIL



| EQUIPAMIENTO DE SERIE | BASIC EQUIPMENT | EQUIPEMENT DE SERIE |
|--|---|--|
| Motor neumático GAMOR, serie A | Pneumatic engine GAMOR, serie A | Moteur pneumatique GAMOR, serie A |
| Brazo reforzado de estructura de Duraluminio (paralelogramo) | Reinforced arm structure of hard aluminum (parallelogram) | Bras renforcé de structure de Duralumin (parallélogramme) |
| Columna de fijación a mesa | Table attachment column | Colonne de fixation sur table |
| Filtro de aire | Air filter | Filtre à air |
| Portapinzas de Ø31 | Tapping chuck Ø31 | Porte-pinces Ø31 |
| Equipo de 6 Cabecillas con embrague GN20 de M6, M8, M10, M12, M16, M20 GN24 de M8, M10, M12, M16, M20, M24 | Set of 6 tap holders with safety clutch GN20 for MM6, M8, M10, M12, M16, M20 GN24 for M8, M10, M12, M16, M20, M24 | Ensemble de 6 porte-taraud avec l'embrayage GN20 de M6, M8, M10, M12, M16, M20 GN24 de M8, M10, M12, M16, M20, M24 |
| EQUIPAMIENTO OPCIONAL | OPTIONAL FITTINGS | ACCESSOIRES EN OPTION |
| Roscado Vertical/Horizontal | Vertical/Horizontal tapping | Taraudage Vertical/Horizontal |
| Imán de amarre | Mooring magnet | Base magnétique |
| Equipo de refrigeración de machos | Tap cooling equipment | Lubrification du taraud |
| Centrador magnético | Centring device magnet | Centreur magnetique |

**Accesorios Opcionales
Optional Accessory
Accessoires Facultatifs**

DISPOSITIVO ANGULAR - ANGULAR DEVICE - DISPOSITIF ANGULAIRE

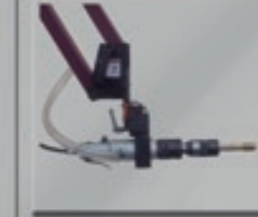
PARA - FOR - POUR



MOD. GN/8



MOD. GN/12



MOD. GN/16



MOD. GN/20

PESO - WEIGHT - POIDS
1,1KG

PESO - WEIGHT - POIDS
1,5KG

BASE MAGNÉTICA - MAGNETIC BASE - BASE MAGNÉTIQUE



Mod. IMN 300

300 KG

PARA - FOR - POUR
Mod. GN/8-12
Mod. GN/16

Mod. IMN 500

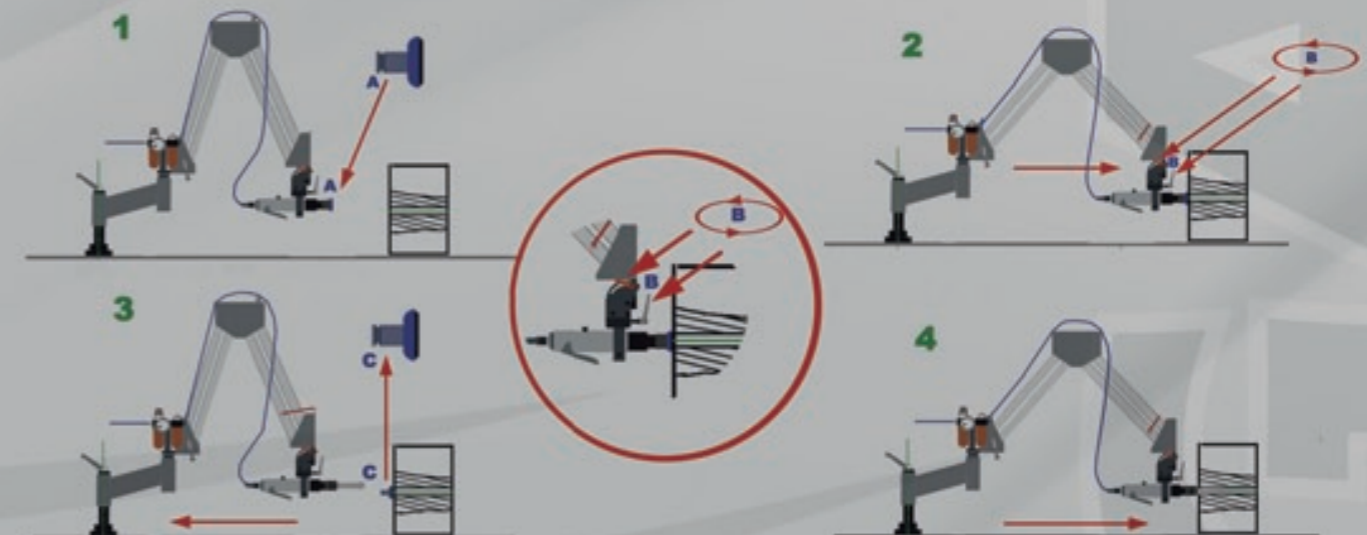
500 KG

PARA - FOR - POUR
Mod. GN/20
Mod. GN/24



CENTRADOR MAGNÉTICO - CENTRING MAGNET - CENTREUR MAGNETIQUE

PARA DISPOSITIVO ANGULAR - FOR ANGULAR DEVICE - POUR DISPOSITIF ANGULAIRE



VAPORIZADOR • TAP COOLING • LUBRIFICATION DU TARAUD

DOSIFICADOR Y PULVERIZADOR DE AIRE Y ACEITE

Con regulador de presión y regulador de caudal de aceite

- 1 - REGULADOR DE PRESIÓN DE 0-10 BARS
- 2 - MANOMETRO
- 3 - TOMA DE AIRE
- 4 - REGULADOR DE CAUDAL Y TOMA DE LIQUIDO
- 5 - DOSIFICADOR
- 6 - SALIDA DE AIRE Y LIQUIDO PRESIÓN DE SERVICIO: 0-10 BARES

AIR AND OIL DISPENSER AND PULVERIZER

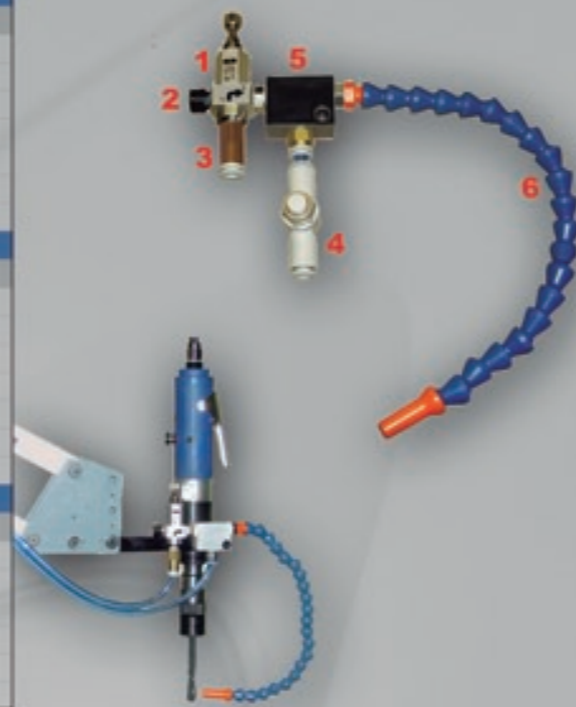
With pressure regulation and caudal regulator

- 1 - PRESSURE REGULATIO FROM 0-10 BARS
- 2 - MANOMETER
- 3 - AIRNETWORK INPUT
- 4 - CAUDAL REGULATOR AND LIQUID INPUT
- 5 - DISPENSER VALVE
- 6 - AIR AND LIQUID OULET MAXIMUN SERVICE PRESUURE: 0-10 BARSS

PULVERISATEUR ET DISTRIBUTEUR D'AIR ET D'HUILE

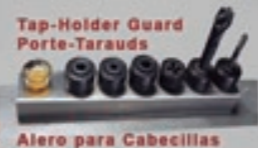
Avec régulateur de pression et le débit d'huile

- 1 - RÉGULATEUR DE PRESSION 0-10 BARS
- 2 - MANOMÈTRE
- 3 - D'ADMISSION D'AIR
- 4 - RÉGULATION DU FLUX DE FLUIDE
- 5 - DISTRIBUTEUR
- 6 - SORTIE DE L'AIR ET DE LIQUIDE: 0-10 BARS



MESA • WORKTABLE • TABLE

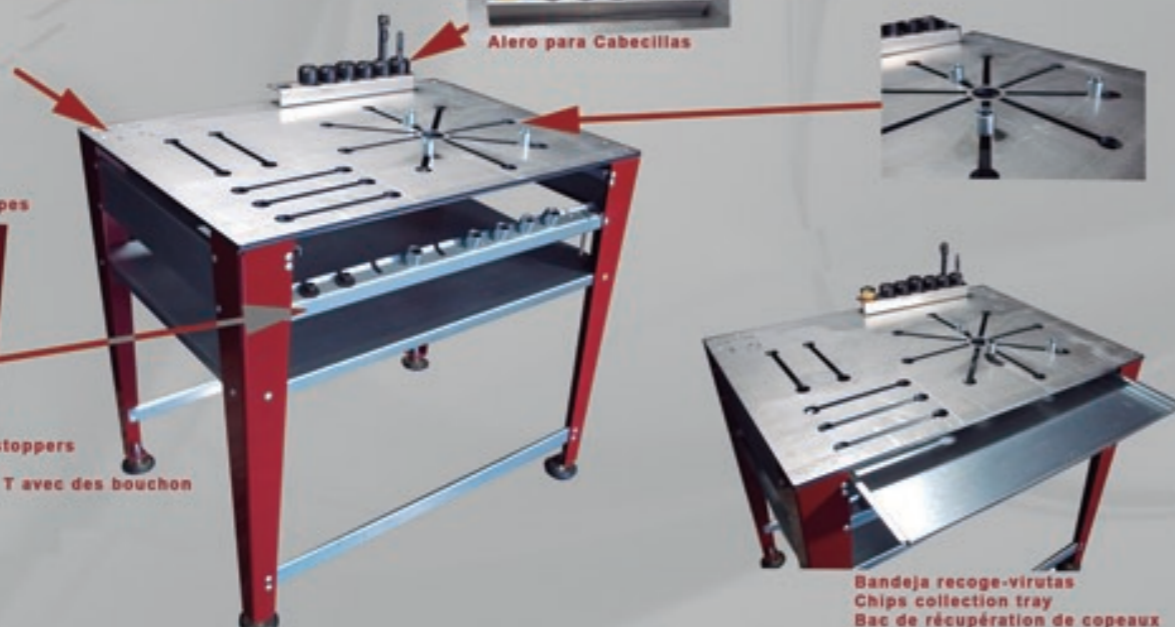
Anclaje
Ancrage
Ancrage



1 Llave Allen
10 Tes de amarre con topes



1 Hexagon key
10 Mooring T-nuts with stoppers
1 Clavette hexagonale
10 Amarrages écrous en T avec des bouchon



Bandeja recoge-virutas
Chips collection tray
Bac de récupération de copeaux

ACEITE DE CORTE C.G.M. • CUTTING OIL C.G.M. • HUILE DE COUPE C.G.M



Especialmente recomendado para el roscado de aceros inoxidables

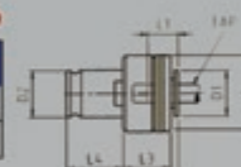
Especialmente recommended for stainless steel
Particulièrement recommandé pour l'acier inoxydable

C.G.M NUEVA FORMULA - NEW FORMULA - FORMULE NOUVELLE

CABECILLAS • TAP HOLDERS • TÊTES PORTE-TARAUD

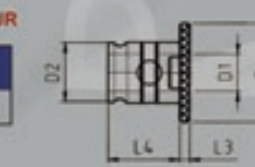
CABECILLAS • TAP HOLDERS • TÊTES PORTE-TARAUD

| Model | M - min M - max | D | D ₁ | D ₂ | L ₁ | L ₂ | L ₃ | L ₄ | KG |
|-------|--------------------|----|----------------|----------------|----------------|----------------|----------------|----------------|------|
| CE 19 | M3 - M14 | 32 | 19 | 19 | 17 | 25 | 21,5 | 25 | 0,15 |
| CE 31 | M5 - M24 | 50 | 30 | 31 | 30 | 31 | 31 | 33 | 0,55 |



REDUCTOR • REDUCER • RÉDUCTEUR

| Model | D | D ₁ | D ₂ | L ₁ | L ₂ | KG |
|--------|----|----------------|----------------|----------------|----------------|------|
| TRE 31 | 48 | 19 | 31 | 5 | 35 | 0,17 |



CABECILLAS CON EMBRAGUE TAP HOLDERS WITH SLIPPING CLUTCH



CABECILLAS SIN EMBRAGUE TAP HOLDERS WITHOUT SLIPPING CLUTCH



Dimensiones Mangos SHANK DIMENSIONS

| M | DIN | | ISO | |
|-----|-----------|------------|-----|-----|
| | Ø X | Ø X | Ø X | Ø X |
| M2 | 2,8 X 2,1 | 2,8 x 2,1 | | |
| M3 | 3,5 X 2,7 | 3,15 X 2,5 | | |
| M4 | 4,5 X 3,4 | 4 X 3,15 | | |
| M5 | 6 X 4,9 | 5 X 4 | | |
| M6 | 6 X 4,9 | 6,3 X 5 | | |
| M8 | 8 X 6,2 | 8 X 6,3 | | |
| M10 | 10 X 8 | 10 X 8 | | |
| M12 | 9 X 7 | 9 X 7,1 | | |
| M14 | 11 X 9 | 11,2 X 9 | | |
| M16 | 12 X 9 | 12,5 X 10 | | |
| M18 | 14 X 11 | 14 X 11,2 | | |
| M20 | 16 X 12 | 14 X 11,2 | | |
| M22 | 18 X 14,5 | 18 X 14 | | |
| M24 | 18 X 14,5 | 18 X 14 | | |
| M27 | 20 X 16 | 20 X 16 | | |
| M30 | 22 X 18 | 20 X 16 | | |
| M33 | 25 X 20 | 22,4 X 18 | | |
| M36 | 28 X 22 | 25 X 20 | | |
| M39 | 32 X 24 | 28 X 22,4 | | |
| M42 | 32 X 24 | 28 X 22,4 | | |
| M45 | 36 X 29 | 31,5 X 25 | | |
| M48 | 36 X 29 | 35,5 X 28 | | |
| M52 | 40 X 32 | 40 X 31,5 | | |
| M56 | 45 X 35 | 45 X 35,5 | | |
| M60 | 45 X 35 | 45 X 35,5 | | |
| M64 | 50 X 39 | 50 X 40 | | |
| M68 | 50 X 39 | 50 X 40 | | |

CABECILLA AMPLIADORA PARA COLOCAR EN CABEZALES CON ENCAJE DE Ø31, MACHO DE Ø25, 28, 32 Y 36



SPECIAL TAP HOLDERS TO FIT IN 31 QUICK CHANGE CHUCK FOR TAPS WITH SHANK DIAMETER 25, 28, 32 & 36



REDUCTOR 2-1
Ø31 - Ø19
REDUCER



REDUCTOR 3-1
Ø48 - Ø19
REDUCER



REDUCTOR 3-2
Ø48 - Ø31
REDUCER