

SPCTOOLING

ESCOMATIC SPECIALIST

CATALOG

TOOLING

2024

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In case of order, and to avoid any manufacturing errors, please specify:

- Article number

Feed rollers:

- In bronze (threaded)
- In steel (standard)
- In cast iron (on request)
- Sanded (on request)

Guide bush D2:

- Possibility of having adjustable guide bush.

Collet and counter-collet:

- The clamping diameter
- The clamping length for counter collet if not standard.
- The diameter of passage and the clamping length for large openings.
- Counter-collets with nose and specials counter-collets (provide drawing or drawing of the part).
- Possibility to produce most of hard metal counter collets.

Straightening:

- Possibility of having blank bushes in plastic (to be drilled by yourself according to diameter)

Tools D2 - D6 - NM:

- Design and manufacturing (provide drawing or part drawing to be machined).
- Various surface treatments available according to material to be machined

Cams:

- Cams design for machines D2- D4 - D5 - D6 (provide drawing of the part).
- Cams manufacture in cast iron or steel with ou without hardening.
- Supply of complete tools including drills, holder, mills, knurling tool, ...

Refurbishing:

- Toolheads D2 - D2H - D2-CNC - D6
- Revolver D4 - D5 - D6
- Quill - Feed block - Tool holder

Spare parts:

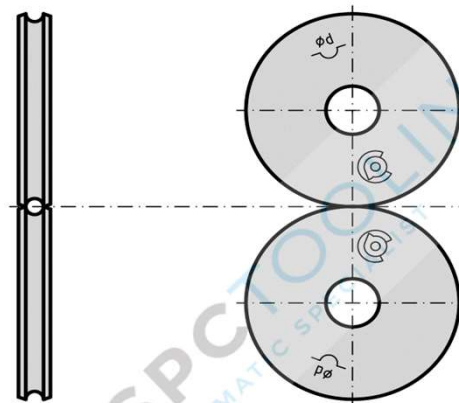
- On request

Feed rollers

from $\varnothing$ 0.20 to $\varnothing$ 5.00 "V" D2-P-1574-1

from $\varnothing$ 0.20 to $\varnothing$ 5.00 "U" D2-P-1574-4

Threaded D2-P-1574-6



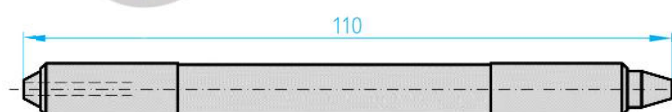
Use: D2 - D2 FLEX SPEED - D4 - D5

Guide bush D2

from $\varnothing$ 0.20 to $\varnothing$ 0.50 D2-P-M24

from $\varnothing$ 0.51 to $\varnothing$ 1.00 D2-P-M25

from $\varnothing$ 1.01 to $\varnothing$ 5.00 D2-P-M26



Use: D2 - D2 FLEX SPEED - D4 - D5

Guide bush D2-CNC

from $\varnothing$ 0.20 to $\varnothing$ 0.50 D2-P-M24-1

from $\varnothing$ 0.51 to $\varnothing$ 1.00 D2-P-M25-1

from $\varnothing$ 1.01 to $\varnothing$ 3.50 D2-P-M26-4

from $\varnothing$ 3.51 to $\varnothing$ 5.00 D2-P-M26-3



Use: D2-CNC - D5-CNC

Counter-collet D2 standard

from $\varnothing$ 0.50 to $\varnothing$ 1.00 D2-P-1588

from $\varnothing$ 0.50 to $\varnothing$ 1.00 HM D2-P-1588-1

from $\varnothing$ 1.01 to $\varnothing$ 2.50 D2-P-1589

from $\varnothing$ 1.01 to $\varnothing$ 2.50 HM D2-P-1589-1

Set up with:

- Collet holder D2-O-M151
- Tapered sleeve D2-O-1629-1

from $\varnothing$ 2.51 to $\varnothing$ 4.00 D2-P-1590

from $\varnothing$ 2.51 to $\varnothing$ 4.00 en MD D2-P-1590-1

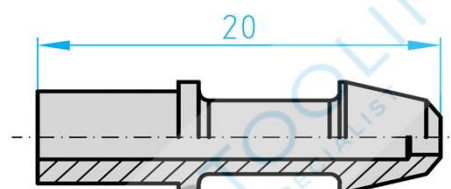
Set up with:

- Collet holder D2-O-M151
- Tapered sleeve D2-O-1629-2

from $\varnothing$ 4.01 to $\varnothing$ 5.00 D2-P-1896

Set up with:

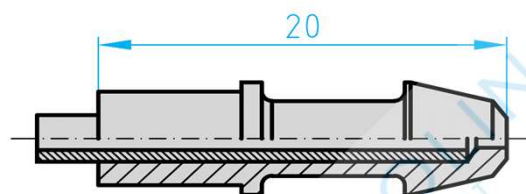
- Collet holder D2-O-M153
- Tapered sleeve D2-O-1629-2



Use: D2 - D2 FLEX SPEED - D2-CNC

Counter-collet D2 with inner tube

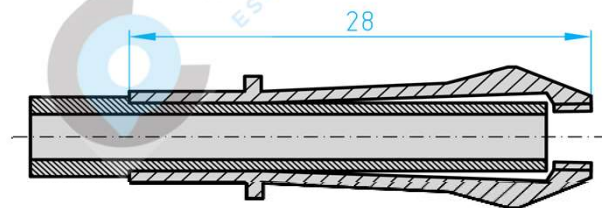
from $\varnothing$ 0.20 to $\varnothing$ 0.50	D2-P-1591-2
from $\varnothing$ 0.51 to $\varnothing$ 1.50	D2-P-1591-1
from $\varnothing$ 0.30 to $\varnothing$ 1.00 HM	D2-P-1591-4
from $\varnothing$ 1.01 to $\varnothing$ 1.50 HM	D2-P-1591-3
Set up with:	
• Collet holder	D2-O-M151
• Tapered sleeve	D2-O-1629-1



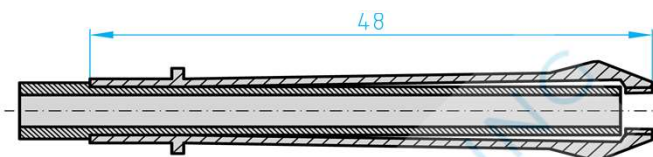
Use: D2 - D2 FLEX SPEED - D2-CNC

Counter-collet D2 with large opening

from $\varnothing$ 0.30 to $\varnothing$ 2.80	D2-P-1892-93
• Max. opening 0.70	
Set up with:	
• Collet holder	D2-O-M154
• Tapered sleeve	D2-X-1891



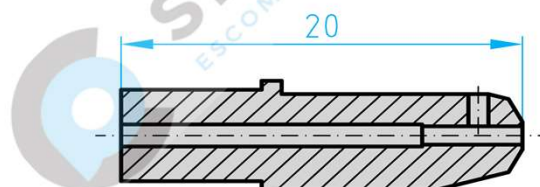
from $\varnothing$ 0.30 to $\varnothing$ 4.00	D2-P-1892-1/93
• Max. opening 1.50	
Set up with:	
• Collet holder	D2-O-1567
• Tapered sleeve	D2-X-1891



Use: D2 - D2 FLEX SPEED - D2-CNC

Counter-bush D2 (without clamping)

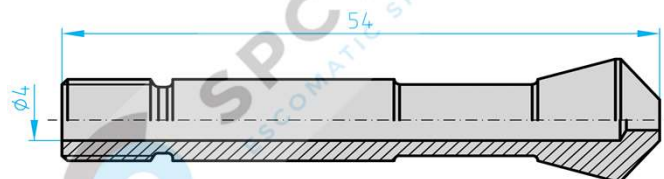
from $\varnothing$ 0.50 to $\varnothing$ 2.50	D2-P-1596
Set up with:	
• Collet holder	D2-O-M151
• Tapered sleeve	D2-O-1629-1
from $\varnothing$ 2.51 to $\varnothing$ 5.00	D2-P-1593
Set up with:	
• Collet holder	D2-O-M151
• Tapered sleeve	D2-O-1629-2



Use: D2 - D2 FLEX SPEED - D2-CNC

Counter-collet D4 with ejector

from $\varnothing$ 0.25 to $\varnothing$ 5.00	D4-P-2046-1
Set up with:	
• Steady ejector	D4-P-2104
or	
• Mobile ejector	D4-P-2109
• Spring	D4-O-2108
• Stopper	D4-O-2111



Use: D2-PM - D4 - D5

Counter-collet D4 for ejection of part through

from $\varnothing$ 0.25 to $\varnothing$ 3.00

D4-P-2046-1

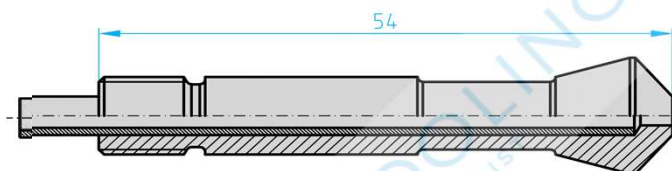
Set up with:

- Inner tube D4-P-2467
- Guide tube D4-P-2113

from $\varnothing$ 3.01 to $\varnothing$ 5.00

D4-P-2046-2

- Without tube
- Guide tube D4-P-2113



Use: D2-PM - D4 - D5

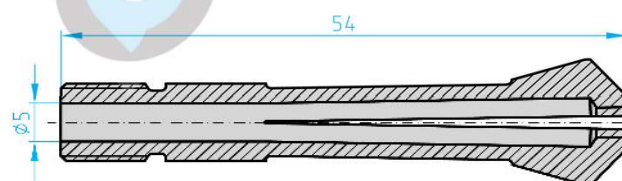
Counter-collet D4 large opening for ejector

from $\varnothing$ 0.30 to $\varnothing$ 4.00

D4-P-2565

Set up with:

- Collet holder D4-X-M206
- Steady ejector D4-P-2104
- or
- Mobile ejector D4-P-2109
- Spring D4-O-2108
- Stopper D4-O-2111



Use: D2-PM - D4 - D5

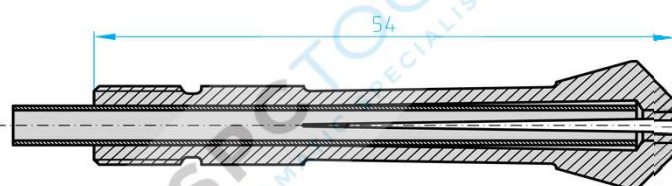
Counter collet D4 large opening for ejection of part through

from $\varnothing$ 0.30 to $\varnothing$ 4.00

D4-P-2565-69

Set up with:

- Collet holder D4-X-M206
- Inner tube D4-P-2569
- Guide tube D4-P-2113
- From $\varnothing$ 3.00 without tube

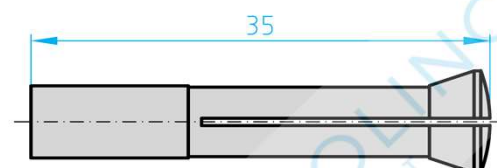


Use: D2-PM - D4 - D5

Collet for drill D4

from $\varnothing$ 0.50 to $\varnothing$ 5.00

D4-P-2206

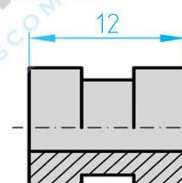


Use: D4 - D5

Security bush

from $\varnothing$ 0.30 to $\varnothing$ 5.00

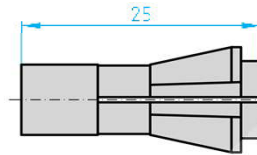
DAD-M2



Use: D2 - D4 - D5

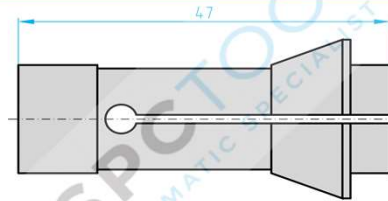
Steady and feed collet D6

from $\varnothing$ 0.30 to $\varnothing$ 7.00	D6-12-663
from $\varnothing$ 0.30 to $\varnothing$ 7.00 striped	D6-12-663-STR



Usage: D6S - D6SR

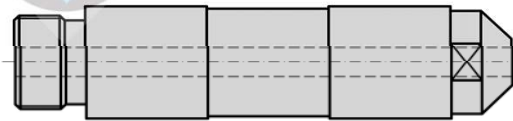
from $\varnothing$ 6.35 to $\varnothing$ 9.00	D6-12-4239
• Steady collet	
from $\varnothing$ 6.35 to $\varnothing$ 9.00	D6-12-4195
• Feed collet	



Use: D6S 9mm - D6SR 9mm

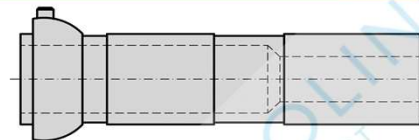
Guide bush D6

from $\varnothing$ 0.30 to $\varnothing$ 3.99	D6-12-M3
from $\varnothing$ 4.00 to $\varnothing$ 5.49	D6-12-M4
from $\varnothing$ 5.50 to $\varnothing$ 6.50	D6-12-M5
from $\varnothing$ 6.51 to $\varnothing$ 7.10	D6-12-M6



Usage: D6S - D6SR

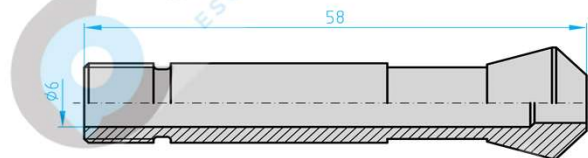
from $\varnothing$ 6.35 to $\varnothing$ 9.00	D6-12-M496
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Use: D6S 9mm - D6SR 9mm

Counter-collet D6 for ejector

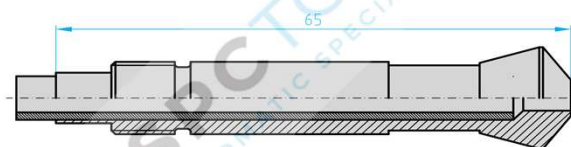
from $\varnothing$ 0.30 to $\varnothing$ 6.35	D6-12-1354
from $\varnothing$ 6.35 to $\varnothing$ 9.00	D6-12-1354-2
Set up with:	
• Steady ejector	D6-12-M143
or	
• Mobile ejector	D6-12-1356
• Spring	D6-12-1357
• Stopper	D6-12-1355



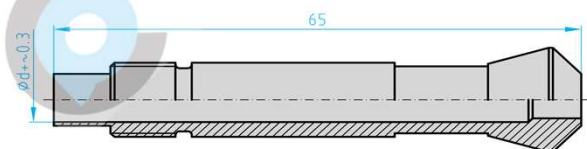
Use: D6SR - D6SR 9mm

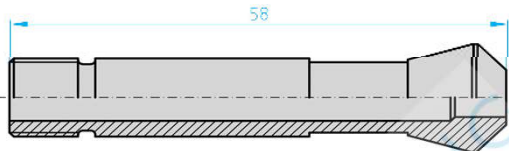
Counter-collet D6 for ejection of part through

from $\varnothing$ 0.30 to $\varnothing$ 3.00	D6-12-475
Set up with:	
• Inner tube	D6-12-1735
• Guide tube	D6-12-1624



from $\varnothing$ 3.01 to $\varnothing$ 6.35	D6-12-475-1
Set up with:	
• Without tube	
• Guide tube	D6-12-1624



from $\varnothing$ 3.00 to $\varnothing$ 9.00	D6-12-475-4	
• Body $\varnothing$ 14.00		
from $\varnothing$ 3.00 to $\varnothing$ 9.00	D6-12-475-3	
• Body $\varnothing$ 12.00		

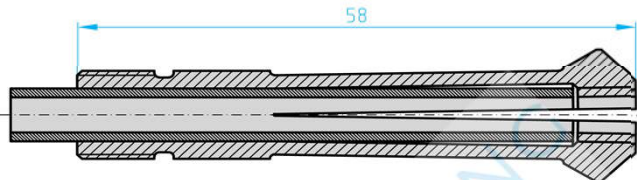
Use: D6S - D6SR - D6 9mm

Counter-collet D6 large opening for ejector

from $\varnothing$ 0.30 to $\varnothing$ 5.00	D6-12-1700	
Set up with:		
• Steady ejector	D6-12-M143	
or		
• Mobile ejector	D6-12-1356	
• Spring	D6-12-1357	
• Stopper	D6-12-1355	

Use: D6SR

Counter-collet D6 large opening for ejection of part through

from $\varnothing$ 0.30 to $\varnothing$ 5.00	D6-12-1700	
Set up with:		
• Inner tube	D6-12-1735	
• Guide tube	D6-12-1624	
• From $\varnothing$ 3.00 without tube		

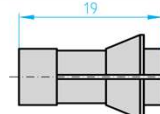
Use: D6S - D6SR

Collet for drill D6

from $\varnothing$ 0.50 to $\varnothing$ 7.00	D6-12-1681
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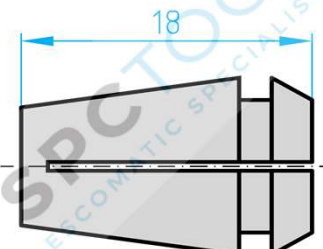
Use: D6SR - NM

Feed collet New Mach

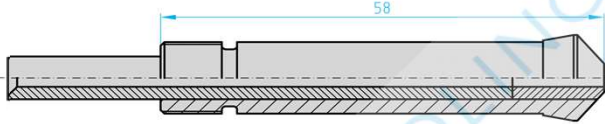
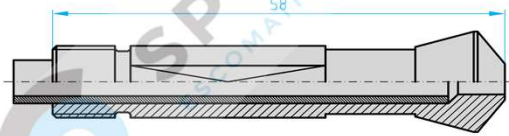
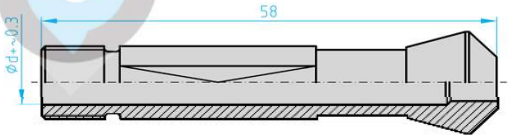
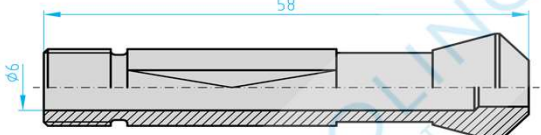
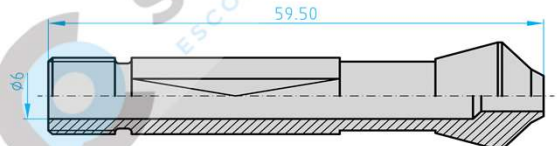
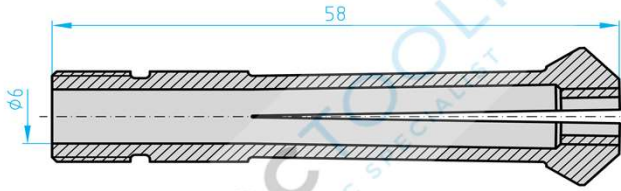
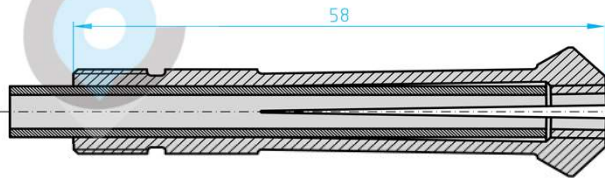
from $\varnothing$ 1.50 to $\varnothing$ 6.35	64-A1	
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Use: NM

Material control collet New Mach

from $\varnothing$ 0.50 to $\varnothing$ 1.00	64-A3	
from $\varnothing$ 1.00 to $\varnothing$ 1.50		
from $\varnothing$ 1.50 to $\varnothing$ 2.00		
from $\varnothing$ 2.00 to $\varnothing$ 2.50		
from $\varnothing$ 2.50 to $\varnothing$ 3.00		
from $\varnothing$ 3.00 to $\varnothing$ 3.50		
from $\varnothing$ 3.50 to $\varnothing$ 4.00		
from $\varnothing$ 4.00 to $\varnothing$ 4.50		
from $\varnothing$ 4.50 to $\varnothing$ 5.00		
from $\varnothing$ 5.00 to $\varnothing$ 5.50		
from $\varnothing$ 5.50 to $\varnothing$ 6.00		

Use: NM

Guide bush New Mach		
from $\varnothing$ 0.50 to $\varnothing$ 3.00	321-0172	
from $\varnothing$ 3.01 to $\varnothing$ 6.50	321-0173	
From $\varnothing$ 4.60 without tube		
Use: NM		
Counter-collet New Mach for ejection of part through		
from $\varnothing$ 0.30 to $\varnothing$ 3.00	121-1481	
Set up with:		
Inner tube		
de $\varnothing$ 3.01 à $\varnothing$ 6.35	121-1481	
Set up with:		
Without tube		
Use: NM - D2-CNC - D5-CNC		
Counter-collet New Mach for ejector		
from $\varnothing$ 0.30 to $\varnothing$ 6.35	121-1485	
Set up with:		
- Mobile ejector - Spring - Stopper		
	306-0276	
	63A-554	
	306-0277	
Use: NM - D2-CNC - D5-CNC		
Counter-collet New Mach with nose for ejector		
from $\varnothing$ 0.30 to $\varnothing$ 4.00	121-1482 or 121-1485-1	
Set up with:		
- Mobile ejector - Spring - Stopper		
	306-0276	
	63A-554	
	306-0277	
Use: NM - D2-CNC - D5-CNC		
Counter-collet New Mach large opening for ejector		
from $\varnothing$ 0.30 to $\varnothing$ 5.00	121-1483	
Set up with:		
- Mobile ejector - Spring - Stopper		
	306-0276	
	63A-554	
	306-0277	
Use: NM - D2-CNC - D5-CNC		
Counter-collet New Mach large opening for ejection of part through		
from $\varnothing$ 0.30 to $\varnothing$ 5.00	121-1483	
Set up with:		
- Inner tube - From $\varnothing$ 3.00 without tube		
Use: NM - D2-CNC - D5-CNC		

Counter-collet New Mach large opening with double cone

from $\varnothing$ 0.30 to $\varnothing$ 5.00 321-1344

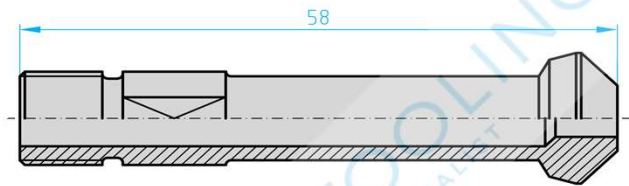
- Max. opening 1.50

from $\varnothing$ 0.30 to $\varnothing$ 5.00 321-1344-2

- Max. opening 1.00

Set up with:

- Inner tube
- Mobile ejector 306-0276
- Spring 63A-554
- Stopper 306-0277



Use: NM - D2-CNC - D5-CNC

Counter-collet New Mach with nose, large opening and double cone

from $\varnothing$ 0.30 to $\varnothing$ 5.00 321-1344-1

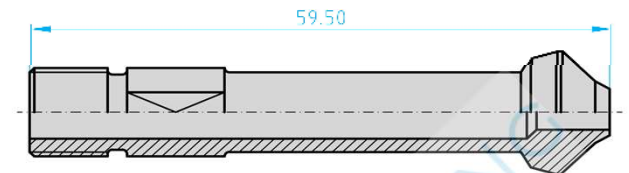
- Max. opening 1.50

from $\varnothing$ 0.30 to $\varnothing$ 5.00 321-1344-3

- Max. opening 1.00

Set up with:

- Inner tube
- Mobile ejector 306-0276
- Spring 63A-554
- Stopper 306-0277

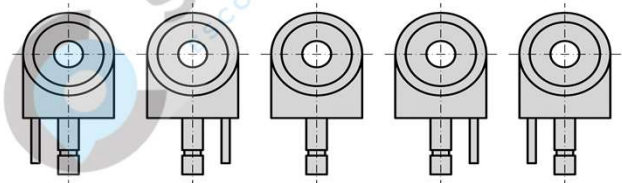


Use: NM - D2-CNC - D5-CNC

Straightening bush-holder and straightening bushes

Bush-holder D6-14-M280-A1-3

- Sold only by full set



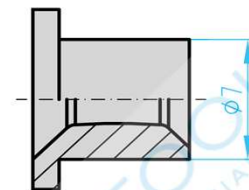
from $\varnothing$ 0.20 to $\varnothing$ 0.50 D6-14-2468-1

from $\varnothing$ 0.51 to $\varnothing$ 1.00 D6-14-2468-2

from $\varnothing$ 1.01 to $\varnothing$ 2.00 D6-14-2468-3

Profiled D6-14-2468

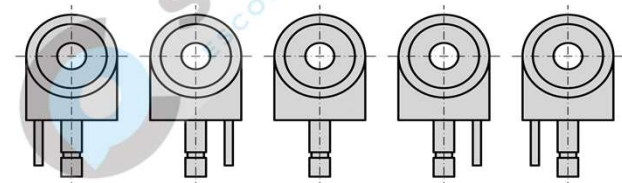
- Bushes are also sold individually

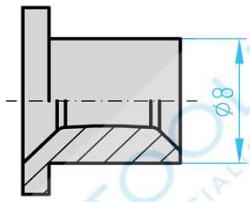
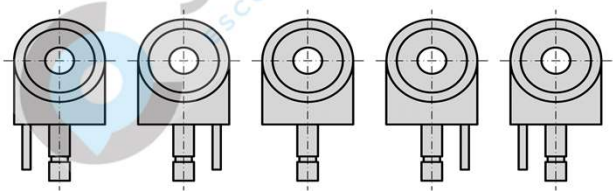
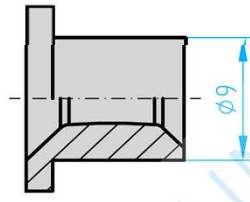
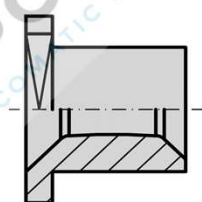
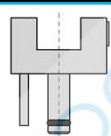
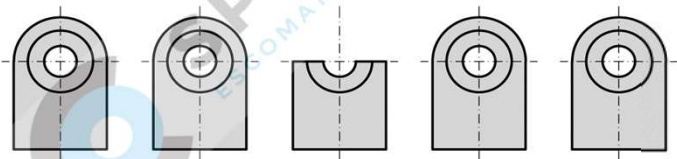


Use: D2 - D4 - D5

Bush-holder D6-14-M136-A1-3

- Sold only by full set

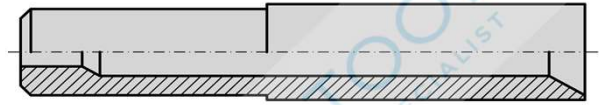


from $\varnothing$ 0.20 to $\varnothing$ 0.50 D6-14-1697-1 from $\varnothing$ 0.51 to $\varnothing$ 1.00 D6-14-1697-2 from $\varnothing$ 1.01 to $\varnothing$ 2.00 D6-14-1697-3 from $\varnothing$ 2.01 to $\varnothing$ 3.00 D6-14-1697-4 from $\varnothing$ 3.01 to $\varnothing$ 4.00 D6-14-1697-5 from $\varnothing$ 4.01 to $\varnothing$ 5.00 D6-14-1697-6 Profiled D6-14-1697 Bushes are also sold individually	
Use: D2 - D4 - D5 - D6	
Bush-holder D6-14-M104-A1-3 Sold only by full set	
from $\varnothing$ 3.01 to $\varnothing$ 4.00 D6-14-1698-1 from $\varnothing$ 4.01 to $\varnothing$ 5.00 D6-14-1698-2 from $\varnothing$ 6.01 to $\varnothing$ 6.80 D6-14-1698-3 from $\varnothing$ 6.81 to $\varnothing$ 7.00 D6-14-1698-4 from $\varnothing$ 5.01 to $\varnothing$ 6.00 D6-14-1698-5 Profiled D6-14-1698 Bushes are also sold individually	
Use: D6	
from $\varnothing$ 0.50 to $\varnothing$ 1.00 121-1163 from $\varnothing$ 1.01 to $\varnothing$ 2.00 121-1164 from $\varnothing$ 2.01 to $\varnothing$ 3.00 121-1165 from $\varnothing$ 3.01 to $\varnothing$ 4.00 121-1166 from $\varnothing$ 4.01 to $\varnothing$ 5.00 121-1167 from $\varnothing$ 5.01 to $\varnothing$ 6.00 121-1168 Bushes are also sold individually	
Use: NM	
Straightening jaw and bush	
Rotating bush ARD-C-M22-A Sold individually	
from $\varnothing$ 0.20 to $\varnothing$ 0.50 ARD-G-6/1-2 from $\varnothing$ 0.51 to $\varnothing$ 1.00 ARD-G-7/1-2 from $\varnothing$ 1.01 to $\varnothing$ 2.00 ARD-G-8/1-2 from $\varnothing$ 2.01 to $\varnothing$ 3.00 ARD-G-9/1-2 from $\varnothing$ 3.01 to $\varnothing$ 4.00 ARD-G-10/1-2 from $\varnothing$ 4.01 to $\varnothing$ 5.00 ARD-G-11/1-2 from $\varnothing$ 5.01 to $\varnothing$ 6.00 ARD-G-12/1-2 Bushes are also sold individually	
Use: D2 - D4 - D5 - D6	

Bush straightening

ø 0.50
 ø 0.70
 ø 0.90
 ø 1.20
 ø 1.50
 ø 1.80
 ø 2.20
 ø 2.60
 ø 3.30
 ø 4.30
 ø 5.30

ARD-G-1



Use: D2 - D4 - D5 - D6

Hydraulic straightening rollers D6

from ø 5.00 to ø 9.00

D6-3-M688-1

Profiled

D6-3-M688-2

- 12 pieces required

from ø 5.00 to ø 9.00

D6-3-M689-1

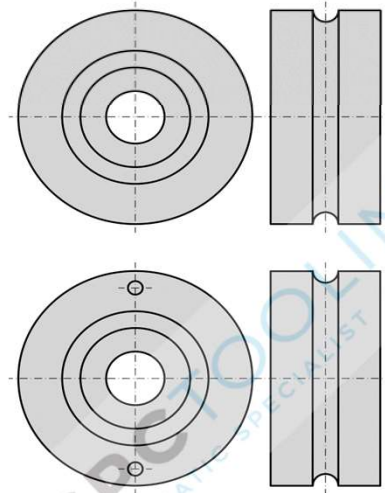
Profiled

D6-3-M689-2

- 2 pieces required

Security bush

D6-12-A290



Use: D6 9mm

Feed attachment AAD

Ratio 1:1

AAD-M2-1

- Max length 50.00 mm

Ratio 1:1.2

AAD-M2-2

- Max length 60.00 mm

Ratio 1:1.5

AAD-M2-3

- Max length 70.00 mm

Only rack and segment

Rack ratio 1:1

AAD-10-1

Segment ratio 1:1

AAD-63

Rack ratio 1:1.2

AAD-10-2

Segment ratio 1:1.2

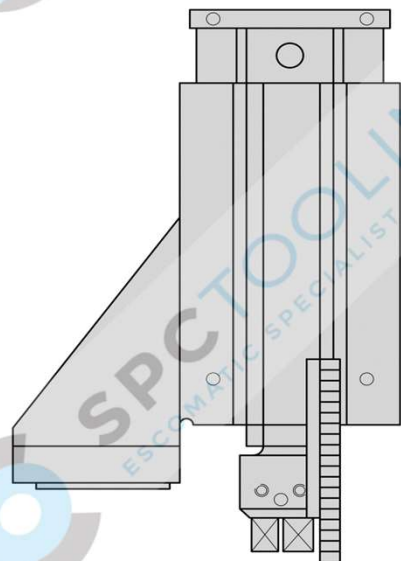
AAD-62

Rack ratio 1:1.5

AAD-10-3

Segment ratio 1:1.5

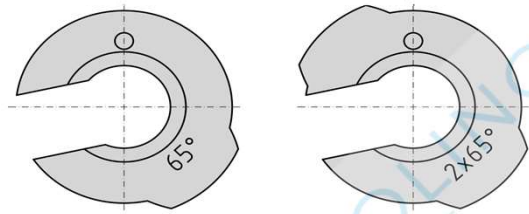
AAD-63-3



Use: D2 - D4 - D5

Clutch segment

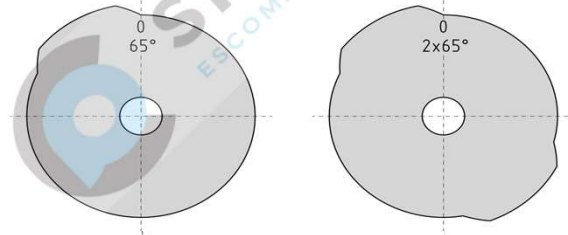
Straightening 1 x 40°	D2-X-M127
Straightening 1 x 65°	D2-X-M126
Straightening 1 x 130°	D2-X-M204
Straightening 2 x 40°	D2-X-M375
Straightening 2 x 65°	D2-X-M141



Use: D2 - D4 - D5

Control cam for straightening **ARD**

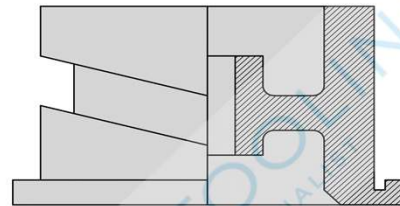
Straightening 1 x 40°	ARD-H-2
Straightening 1 x 65°	ARD-A-83
Straightening 1 x 130°	ARD-H-139
Straightening 2 x 40°	ARD-H-134
Straightening 2 x 65°	ARD-H-130



Use: D2 - D4 - D5

Chariot cam for straightening **ARD**

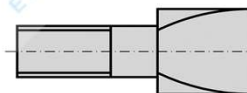
Straightening 1 x 40°	ARD-H-3
Straightening 1 x 65°	ARD-A-11
Straightening 1 x 130°	ARD-H-140
Straightening 2 x 40°	ARD-H-133
Straightening 2 x 65°	ARD-H-9



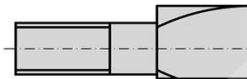
Use: D2 - D4 - D5

Cam followers

D2-A-A42



AAD-A2



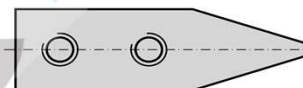
D6-14-A12



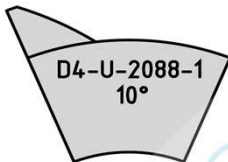
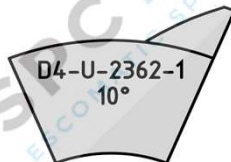
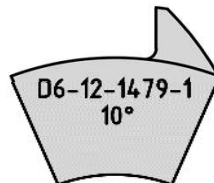
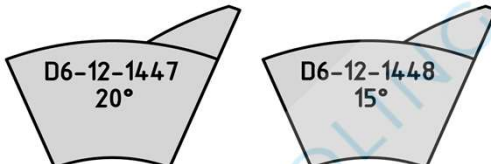
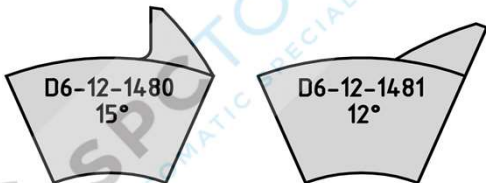
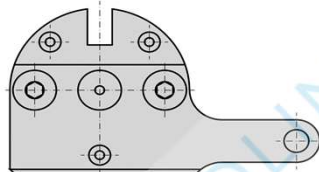
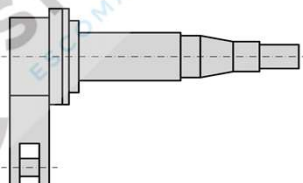
D4-U-2240



D4-U-2241

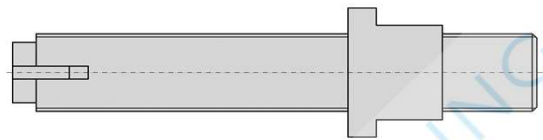


Use: D2 - D4 - D5 - D6

Segment		
Segment 10°	D4-U-2088-1	
Segment 15°	D4-U-2088-2	
Segment 20°	D4-U-2088-3	
• Opening counter-collet D2-PM-D4-D5 • Start of revolver D4-D5-D6		
Segment 10°	D4-U-2362-1	
Segment 15°	D4-U-2362-2	
Segment 20°	D4-U-2362-3	
• Closing counter-collet D2-PM-D4-D5-D6 • Start of revolver D4-D5-D6		
Segment 10°	D6-12-1479-1	
Segment 15°	D6-12-1479-2	
Segment 20°	D6-12-1479-3	
• Opening counter-collet D6		
Segment 20°	D6-12-1447	
• Material straightening (entry touch)		
Segment 15°	D6-12-1448	
• Material straightening (return touch)		
Segment 15°	D6-12-1480	
• Stop of threading		
Segment 12°	D6-12-1481	
• Start of threading		
Use: D2 - D4 - D5 - D6		
Knurling holder D6		
Knurling holder	D6-12-M293-1	
• For knurling width 4.00 x ø 15.00		
Knurling holder	D6-12-M293-2	
• For knurling width 5.00 x ø 15.00		
Use: D6 - D6SR		
Knurling holder D2		
Knurling holder	D2-X-M196-1	
• For knurling width 4.00 x ø 12.00		
Knurling holder	D2-X-M196-2	
• For knurling width 4.00 x ø 15.00		
Use: D2 - D4 - D5 - D6		

Lead-screw and die holder

Metric	D6-14-M...
• Ex. thread M3 x0.50 D	D6-14-M0.5D
Inch	D6-14-Z...
• Ex. thread 2-64 UNF	D6-14-Z64D



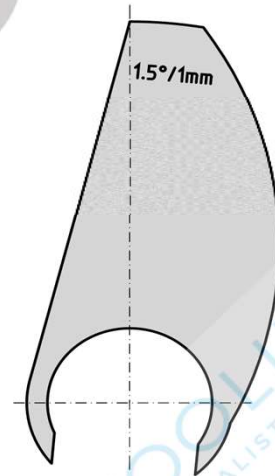
Die holder	D6-14-1662-1
Die holder	D6-14-1662-2



Use: D6SR

Cam return D6

0.8°/1mm	D6-14-1525
1°/1mm	D6-14-1526
1.5°/1mm	D6-14-1527-1
2°/1mm	D6-14-1527-2
3°/1mm	D6-14-1527-3
4°/1mm	D6-14-1527-4



Use: D6 - D6SR