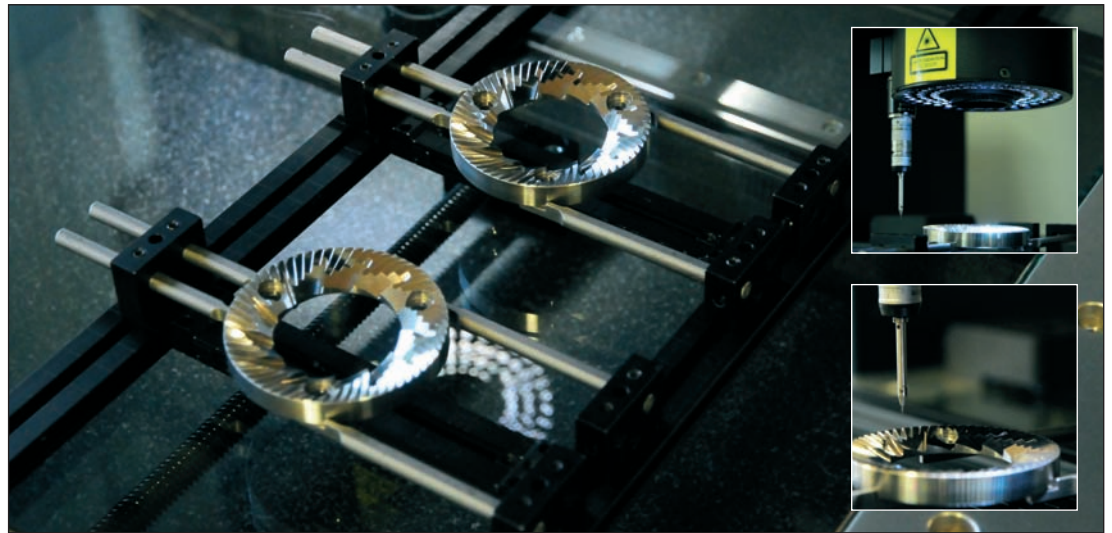


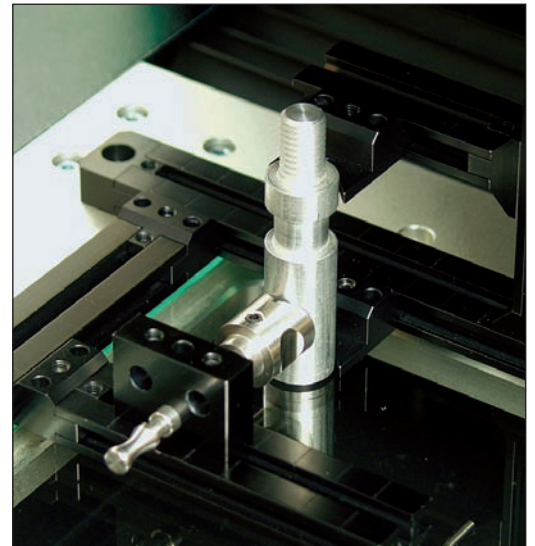
DF-System



DF-System is a new fixture system developed and produced by Schut and designed for building 3D product fixtures, particularly for optical measurements.

Solid product positioning is essential for accurate measurements. DF-System is very easy to mount with single-screw couplings to build fixtures with a high repeatability and to realize a short lead-time for measuring jobs.

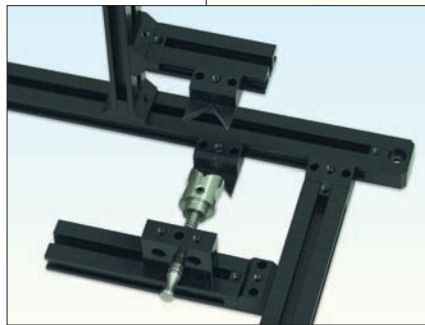
DF-System consists of a full range of fixture components: bars, connection components and fixing components. Produced from extruded or machined AlMgSi1 aluminum with either a black or silver anodized finishing. The black anodized version avoids light reflections. The silver components can be applied when light reflections from the fixture are required.



The DF-System is a universal fixture system and can be mounted on any type of measuring machine. With special couplings the system is fully compatible with the measuring table of the DeMeet Video and Multi-sensor coordinate measuring machines.

Basic sets for DeMeet measuring machines

DF-System is available in separate components and in three basic sets, in black or silver finishing. Basic set I is composed for the DeMeet-220, basic set II for the DeMeet-400 (Y-axis) and basic set III for the DeMeet-400 (X-axis) and the DeMeet-404/443 (X- and Y-axis).



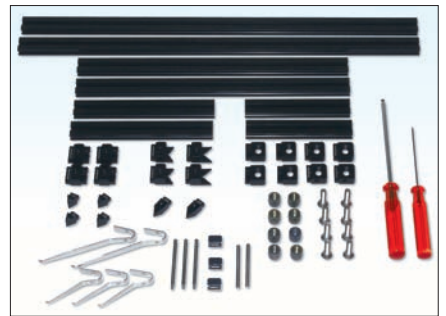
Item no. Description

991.276 Torque hex screwdriver 2 mm with variable torque range (0.1 - 0.6 Nm) and scale



Item no. Description

991.158 Hex screwdriver 2 mm
991.160 Hex screwdriver 3 mm
991.161 Hex screwdriver 4 mm



717.057 Basic set I DeMeet-220 Black
717.088 Basic set I DeMeet-220 Silver

717.095 Basic set II DeMeet-400Y Black
717.096 Basic set II DeMeet-400Y Silver

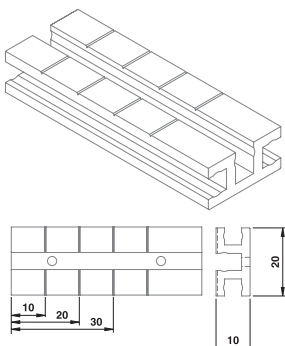
717.058 Basic set III DeMeet-400X/4xxXY Black
717.089 Basic set III DeMeet-400X/4xxXY Silver

Item no.	Black	Silver	Pcs.	Description
717.029	717.073	8	Mounting block perpendicular	
717.030	717.074	4	One point anvil	
717.031	717.075	2	One point anvil long	
717.036	717.077	3	Mounting block spring shaft	
717.040	717.081	2	V-block 120°	
717.042	717.083	2	V-block 90°	
717.033	717.043	4	Mounting block side pattern 16	
717.028	717.072	4	Mounting block end pattern 16	
717.015	717.059	2	Bar 56 mm	
717.017	717.061	2	Bar 120 mm	
717.022	717.066	2	Bar 246 mm	
717.044		4	Screw and adapter pattern 16	
380.301		8	Distance tube with stop pattern 16	
993.539		8	Screw M4x20 DIN 912 Inox A4	
717.000		3	Shaft 60 mm for clamping spring	
717.004		2	Shaft 50 mm for clamping spring	
717.010		3	Clamping spring short	
717.011		2	Clamping spring long	
991.158		1	Hex screwdriver 2 mm	
991.160		1	Hex screwdriver 3 mm	
717.008		1	Screw mounting tool	
851.888		1	Case DF-System DM-220/400Y	

Item no.	Black	Silver	Pcs.	Description
717.029	717.073	8	Mounting block perpendicular	
717.030	717.074	4	One point anvil	
717.031	717.075	2	One point anvil long	
717.036	717.077	3	Mounting block spring shaft	
717.040	717.081	2	V-block 120°	
717.042	717.083	2	V-block 90°	
717.033	717.043	4	Mounting block side pattern 16	
717.028	717.072	4	Mounting block end pattern 16	
717.016	717.060	2	Bar 88 mm	
717.024	717.068	2	Bar 310 mm	
717.026	717.070	2	Bar 344 mm	
	717.044	4	Screw and adapter pattern 16	
	380.301	8	Distance tube with stop pattern 16	
	993.539	8	Screw M4x20 DIN 912 Inox A4	
	717.000	3	Shaft 60 mm for clamping spring	
	717.004	2	Shaft 50 mm for clamping spring	
	717.010	3	Clamping spring short	
	717.011	2	Clamping spring long	
	991.158	1	Hex screwdriver 2 mm	
	991.160	1	Hex screwdriver 3 mm	
	717.008	1	Screw mounting tool	
	851.888	1	Case DF-System DM-220/400Y	

Item no.		Pcs.	Description
Black	Silver		
717.029	717.073	8	Mounting block perpendicular
717.030	717.074	4	One point anvil
717.031	717.075	2	One point anvil long
717.036	717.077	3	Mounting block spring shaft
717.040	717.081	2	V-block 120°
717.042	717.083	2	V-block 90°
717.034	717.050	4	Mounting block side pattern 25
717.035	717.056	4	Mounting block end pattern 25
717.097	717.098	2	Bar 110 mm
717.018	717.062	2	Bar 160 mm
717.024	717.068	2	Bar 310 mm
717.025	717.069	2	Bar 460 mm
380.304		8	Distance tube with stop pattern 25
995.087		8	Screw M6x25 DIN 7991 Inox A4
717.000		3	Shaft 60 mm for clamping spring
717.004		2	Shaft 50 mm for clamping spring
717.010		3	Clamping spring short
717.011		2	Clamping spring long
991.158		1	Hex screwdriver 2 mm
991.161		1	Hex screwdriver 4 mm
851.899		1	Case DF-System DM-400X/4xxXY

Bars



Item no. Description

717.015 Bar 56 mm Black
717.016 Bar 88 mm Black
717.097 Bar 110 mm Black
717.017 Bar 120 mm Black
717.027 Bar 152 mm Black
717.018 Bar 160 mm Black
717.019 Bar 184 mm Black
717.020 Bar 210 mm Black
717.021 Bar 216 mm Black
717.022 Bar 246 mm Black
717.023 Bar 260 mm Black
717.024 Bar 310 mm Black
717.026 Bar 344 mm Black
717.025 Bar 460 mm Black

Item no. Description

717.059 Bar 56 mm Silver
717.060 Bar 88 mm Silver
717.098 Bar 110 mm Silver
717.061 Bar 120 mm Silver
717.071 Bar 152 mm Silver
717.062 Bar 160 mm Silver
717.063 Bar 184 mm Silver
717.064 Bar 210 mm Silver
717.065 Bar 216 mm Silver
717.066 Bar 246 mm Silver
717.067 Bar 260 mm Silver
717.068 Bar 310 mm Silver
717.070 Bar 344 mm Silver
717.069 Bar 460 mm Silver

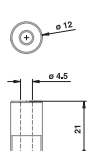
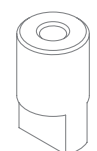
Item no. Description

717.044 Screw and adapter pattern 16



Item no. Description

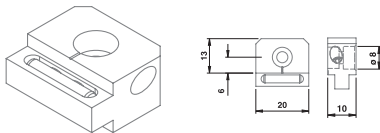
717.008 Screw mounting tool



Connection components

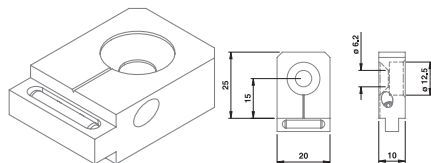
Item no. Description

717.033 Mounting block side pattern 16 Black
717.043 Mounting block side pattern 16 Silver



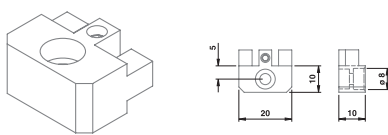
Item no. Description

717.034 Mounting block side pattern 25 Black
717.050 Mounting block side pattern 25 Silver



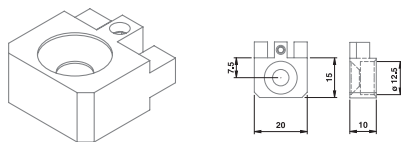
Item no. Description

717.028 Mounting block end pattern 16 Black
717.072 Mounting block end pattern 16 Silver



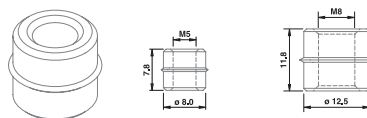
Item no. Description

717.035 Mounting block end pattern 25 Black
717.056 Mounting block end pattern 25 Silver



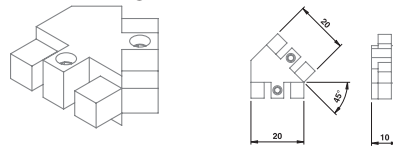
Item no. Description

380.301 Distance tube with stop pattern 16
380.304 Distance tube with stop pattern 25



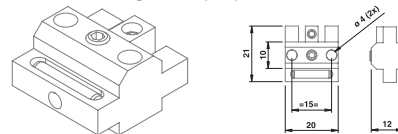
Item no. Description

717.032 Mounting block 45° Black
717.076 Mounting block 45° Silver



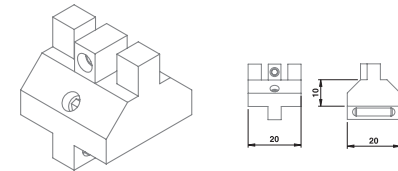
Item no. Description

717.029 Mounting block perpendicular Black
717.073 Mounting block perpendicular Silver



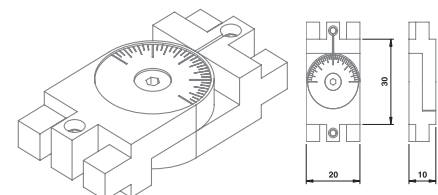
Item no. Description

717.039 Mounting block V perpendicular Black
717.080 Mounting block V perpendicular Silver



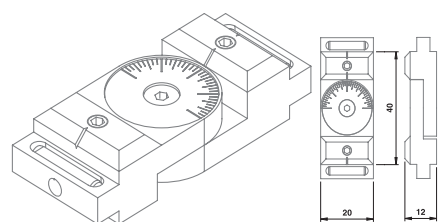
Item no. Description

717.047 Hinge end Black
717.085 Hinge end Silver



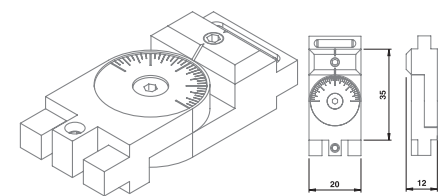
Item no. Description

717.048 Hinge side Black
717.086 Hinge side Silver



Item no. Description

717.049 Hinge combi Black
717.087 Hinge combi Silver



Positioning components

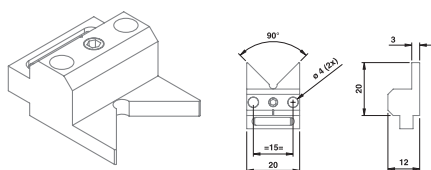
Item no. Description

717.030 One point anvil Black
717.074 One point anvil Silver



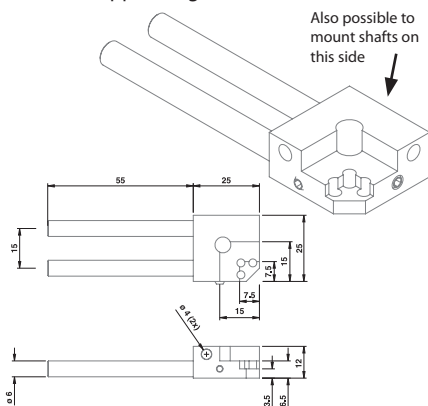
Item no. Description

717.042 V-block 90° Black
717.083 V-block 90° Silver



Item no. Description

717.045 Support edge Black
717.084 Support edge Silver



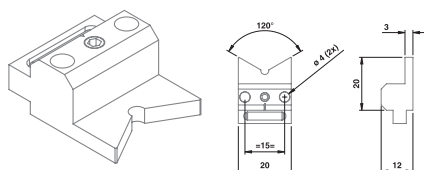
Item no. Description

717.031 One point anvil long Black
717.075 One point anvil long Silver



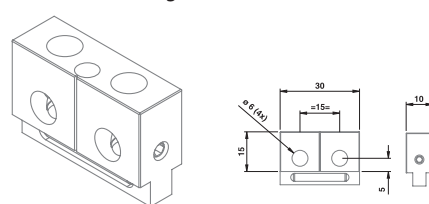
Item no. Description

717.040 V-block 120° Black
717.081 V-block 120° Silver



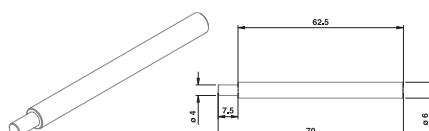
Item no. Description

717.037 Mounting block for 2 shafts Black
717.078 Mounting block for 2 shafts Silver



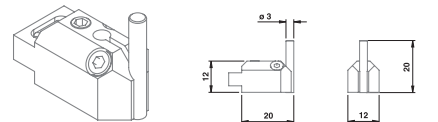
Item no. Description

717.002 Shaft $\phi 6/\phi 4$ l=70 mm



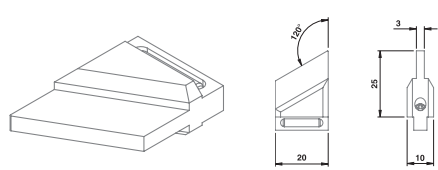
Item no. Description

717.099 Anvil with shaft $\phi 3$ Black
717.100 Anvil with shaft $\phi 3$ Silver



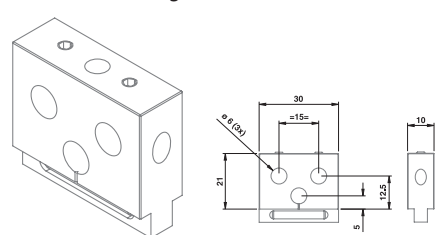
Item no. Description

717.041 V-block half 120° Black
717.082 V-block half 120° Silver



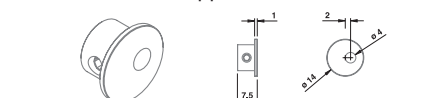
Item no. Description

717.038 Mounting block for 3 shafts Black
717.079 Mounting block for 3 shafts Silver



Item no. Description

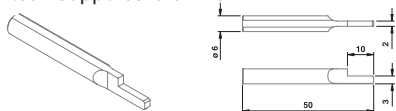
717.046 Eccentric support disc $\phi 14$



Positioning components

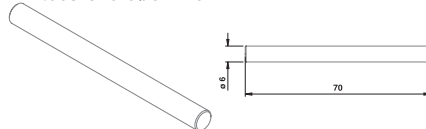
Item no. Description

717.007 Support shaft 2x10 mm



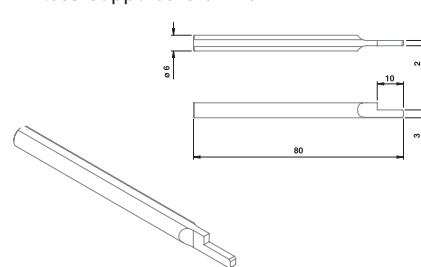
Item no. Description

717.003 Shaft $\phi 6$ l=70 mm



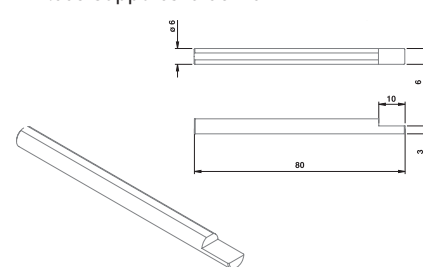
Item no. Description

717.005 Support shaft 2x10 mm



Item no. Description

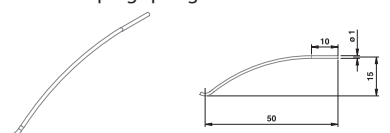
717.006 Support shaft 6x10 mm



Fixing components

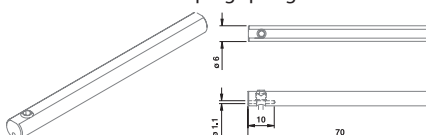
Item no. Description

717.014 Clamping spring bended 50 mm



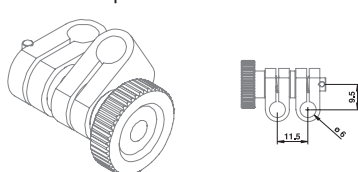
Item no. Description

717.051 Holder clamping spring



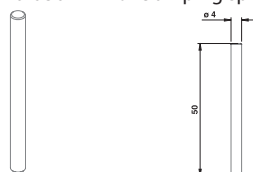
Item no. Description

717.101 Clamp $\phi 6$



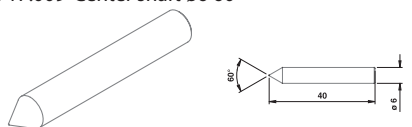
Item no. Description

717.004 Shaft 50 mm for clamping spring



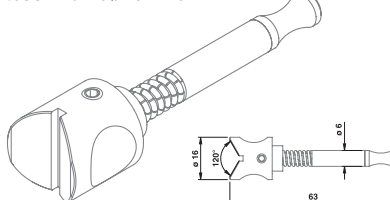
Item no. Description

717.009 Center shaft $\phi 6$ 60°



Item no. Description

717.055 V-unit $\phi 16 \times 120^\circ$



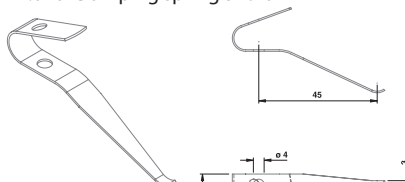
Item no. Description

717.012 Clamping spring straight 50 mm



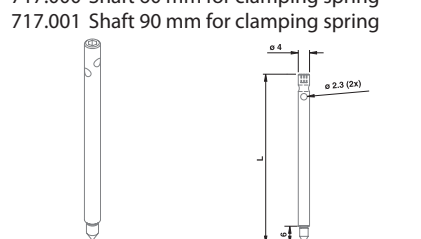
Item no. Description

717.010 Clamping spring short



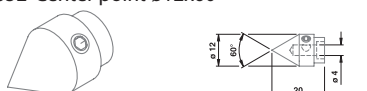
Item no. Description

717.000 Shaft 60 mm for clamping spring



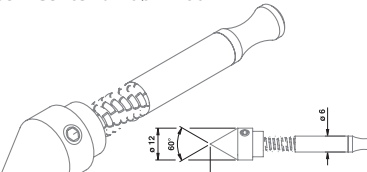
Item no. Description

717.052 Center point $\phi 12 \times 60^\circ$



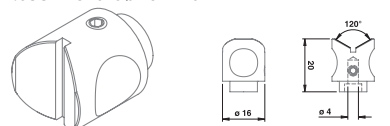
Item no. Description

717.054 Center-unit $\phi 12 \times 60^\circ$



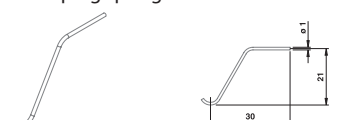
Item no. Description

717.053 V-shaft $\phi 16 \times 120^\circ$



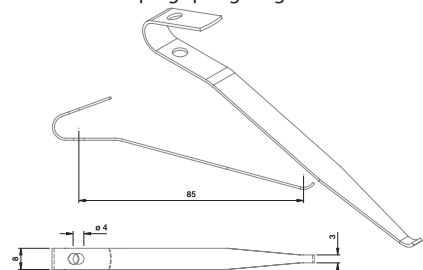
Item no. Description

717.013 Clamping spring bended 30 mm



Item no. Description

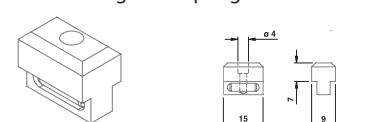
717.011 Clamping spring long



Item no. Description

717.036 Mounting block spring shaft Black

717.077 Mounting block spring shaft Silver

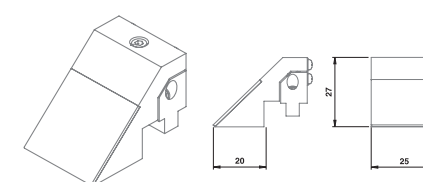


Mirrors

Item no. Description

717.091 Mirror 45° 25x25 mm Black

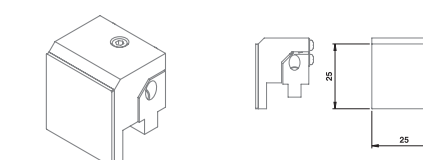
717.092 Mirror 45° 25x25 mm Silver



Item no. Description

717.093 Mirror 90° 25x25 mm Black

717.094 Mirror 90° 25x25 mm Silver



*Special components and modifications are available on request.



ISO 9001

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