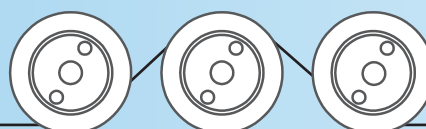

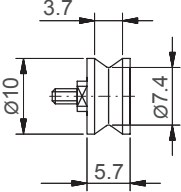

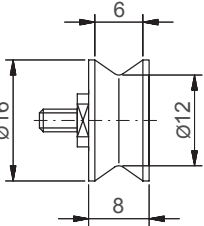

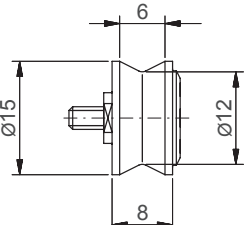

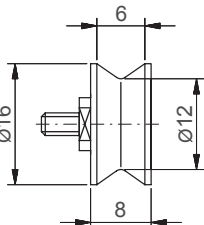



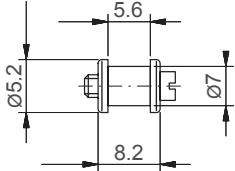

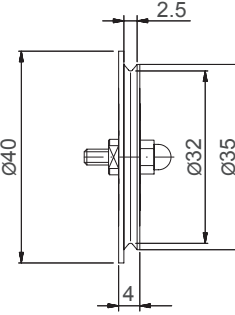

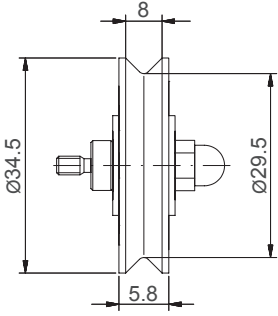

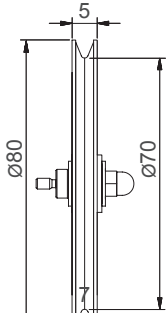
Guide Roller Catalogue



Roller Sets


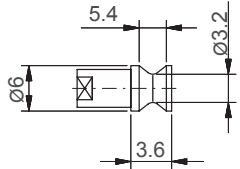

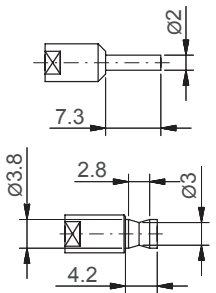

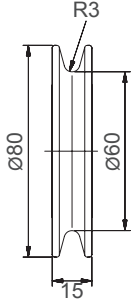

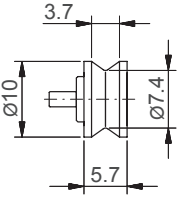

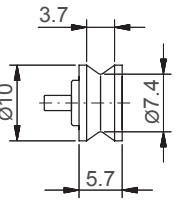
Order-No.	Models	Description	Image	Dimensions
R521105 R515405 R515405-1000 R516505 R516605 R516605-1000 R580005 R559405 R559505 R559605 R559705 R592405 R592505 R569005 R559105	ZF2 DXE (to 400 cN) DXE (from 1000 cN) DXV DXES (to 400 cN) DXES (from 1000 cN) ZEF DTEB DTEX DTVB DTBX DTSE DTXE MAZF MBZF	Hard-coated aluminium Line speed 900 m/min Applicable for yarn, threads, thin wires		
R521204 R515004 R524004 R515204 R581004 R557004 R558004 R592004 R592104 R569204 R569304	ZD2 DX2 DN1 (up to 20K) DX2S ZED DTMB DTMX DTS DTX MAZD MBZD	Hard-coated aluminium Line speed 2000 m/min Applicable for yarn, threads, thin wires		
R530113 R523013 R530013 R524013-30	MKM Q MK DN1 (30K/50K)	Hard-coated aluminium Line speed 1000 m/min Applicable for yarn, threads, thin wires		
R560007 R562107 R562107-200 R563107 R563107-200	TS1 FS1 (to 100 cN) FS1 (from 200 cN) FS1-422 (to 100 cN) FS1-422 (from 200 cN)	Hard-coated aluminium Line speed 2000 m/min Applicable for yarn, threads, thin wires		

Roller Sets

Order-No.	Models	Description	Image	Dimensions
R515512 R560512 R562212 R562212-500 R563212 R563212-500	DXP TSP FSP (to 200 cN) FSP (from 500 cN) FSP-422 (to 200 cN) FSP-422 (from 500 cN)	Oxid ceramic Line speed 6000 m/min Applicable for threads, yarn		
R515911 R516411 R559211 R559311 R592611 R592711 R563011 R562411 R562411-500 R563411 R563411-500	DXF DXFS DTFB DTFX DTSF DTXF TSL FSL (to 200 cN) FSL (from 500 cN) FSL-422 (to 200 cN) FSL-422 (from 500 cN)	Hard-coated aluminium Line speed 4000 m/min Applicable for optical fibres, carbon fibres, technical fibres		
R516026 R557526 R558526 R592826 R592926 R561026 R562326 R563326	DXL DTLB DTLX DTSL DTXL TSH FSH FSH-422	Hardened steel Line speed 4000 m/min Applicable for wires, cables, buffer tubes		
R564045	TSF	Hard-coated aluminium Line speed 5000 m/min Applicable for optical fibres, sensitive fibres		


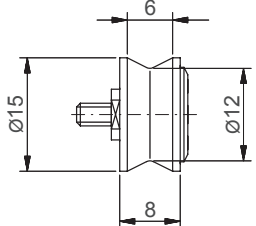

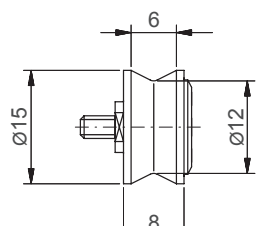
Subject to change without notice.

Roller Sets

Order-No.	Models	Description	Image	Description
R540017 R540517 R542017 R542117	ETB (S/N 400xxxx) ETX (S/N 405xxxx) ETB (S/N 420xxxx; up to 500 cN) ETX (S/N 421xxxx; up to 500 cN)	Aluminium hard-chromed Line speed 2000 m/min Applicable for threads, yarn		
R540020 R540520 R542020 R542120	ETPB (S/N 400xxxx) ETPX (S/N 405xxxx) ETPB (S/N 420xxxx) ETPX (S/N 421xxxx)	Oxid ceramic Line speed 6000 m/min Applicable for threads, yarn		
R561142 R562742 R563742	TSW FSW FSW-422	Hard-coated aluminium Line speed 2000 m/min Applicable for wires, ropes, cables		
R521127 R515427 R515427-1000 R516527 R516627 R516627-1000 R580027 R559427 R559527	ZF2 DXE (to 400 cN) DXE (from 1000 cN) DXV DXES (to 400 cN) DXES (from 1000 cN) ZEF DTEB DTEX	Code W Nickel-plated steel Line speed 450 m/min Applicable for wires		
R521128 R515428 R515428-1000 R516528 R516628 R516628-1000 R580028 R559427 R559527	ZF2 DXE (to 400 cN) DXE (from 1000 cN) DXV DXES (to 400 cN) DXES (from 1000 cN) ZEF DTEB DTEX	Code T Plastic (POM) black Line speed 450 m/min Applicable for fibres, yarn		


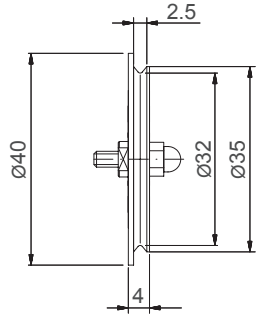

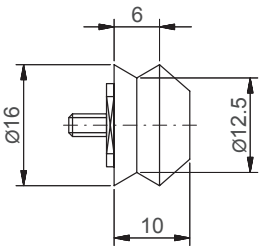

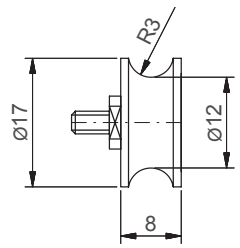
Subject to change without notice.

Roller Sets

Order-No.	Models	Description	Image	Dimensions
R521224	ZD2	Code W Nickel-plated steel Line speed 1000 m/min Applicable for wires		
R515024	DX2			
R523024	Q			
R530024	MK			
R524024	DN1 (to 20K)			
R524024-30	DN1 (30K/50K)			
R515224	DX2S			
R581024	ZED			
R557024	DTMB			
R558024	DTMX			
R592024	DTS			
R592124	DTX			
R560024	TS1			
R562124	FS1 (to 100 cN)			
R562124-200	FS1 (from 200 cN)			
R563124	FS1-422 (to 100 cN)			
R563124-200	FS1-422 (from 200 cN)			
R521225	ZD2	Code T Plastic (POM) black Line speed 1000 m/min Applicable for fibres, yarn		
R515025	DX2			
R523025	Q			
R530025	MK			
R524025	DN1 (to 20K)			
R524025-30	DN1 (30K/50K)			
R515225	DX2S			
R581025	ZED			
R557025	DTMB			
R558025	DTMX			
R592025	DTS			
R592125	DTX			
R560025	TS1			
R562125	FS1 (to 100 cN)			
R562125-200	FS1 (from 200 cN)			
R563125	FS1-422 (to 100 cN)			
R563125-200	FS1-422 (from 200 cN)			


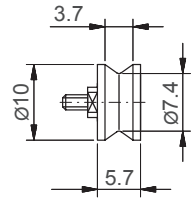

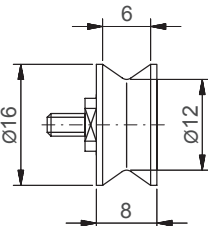
Subject to change without notice.

Roller Sets

Order-No.	Models	Description	Image	Dimensions
R515910 R516410 R559210 R559310 R592610 R592710 R563010 R562410 R562410-500 R563410 R563410-200	DXF DXSF DTFB DTFX DTFB DTXF TSL FSL (to 200 cN) FSL (from 500 cN) FSL-422 (to 200 cN) FSL-422 (from 500 cN)	Code T Plastic (PVC) red Line speed 4000 m/min Applicable for wires, fibres, yarn		
R521216 R515016 R524016 R515216 R581016 R557016 R558016 R592016 R592116 R560016 R562116 R562116-200 R563116 R563116-200	ZD2 DX2 DN1 (to 20K) DX2S ZED DTMB DTMX DTS DTX TS1 FS1 (to 100 cN) FS1 (from 200 cN) FS1-422 (to 100 cN) FS1-422 (from 200 cN)	Code H Plasma-coated aluminium Line speed 5000 m/min Applicable for wires, fibres, yarn		
R515009 R524009 R524009-30 R515209 R557009 R558009 R592009 R592109 R560009 R562109 R563109	DX2 DN1 (to 20K) DN1 (30K/50K) DX2S DTMB DTMX DTS DTX TS1 FS1 FS1-422	Code U Hard-coated aluminium Line speed 2000 m/min Applicable for thin cables, wires, fibres, yarn		


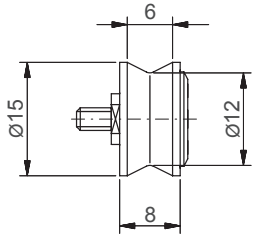

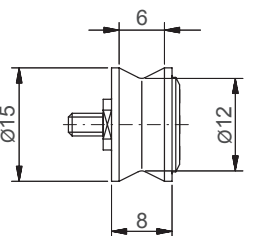

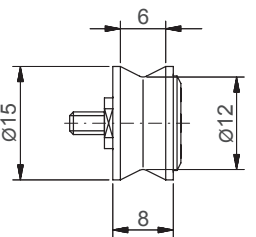
Subject to change without notice.

Roller Sets

Order-No.	Models	Description	Image	Dimensions			
R521106	ZF2						
R515406	DXE (to 400 cN)						
R515406	DXE (from 1000 cN)						
R516506	DXV						
R516606	DXES (to 400 cN)						
R516606	DXES (from 1000 cN)	Code K					
R580006	ZEF						
R542006	ETB (S/N 420xxxx; from 1000 cN)	Hard-coated aluminium					
R542106	ETX (S/N 421xxxx; up from 1000 cN)	Line speed 2000 m/min					
R559406	DTEB	Applicable for wires, fibres, yarn					
R559506	DTEX						
R559606	DTVB						
R559706	DTVX						
R592406	DTSE						
R592506	DTXE						
R569006	MAZF						
R569106	MBZF						
R521203	ZD2						
R515003	DX2						
R524003	DN1 (to 20K)						
R524003-30	DN1 (30K/50K)						
R515203	DX2S	Code K					
R581003	ZED						
R557003	DTMB	Hard-coated aluminium					
R558003	DTMX						
R592003	DTS	Line speed 3500 m/min					
R592103	DTX						
R560003	TS1	Applicable for wires, fibres, yarn					
R562103	FS1 (to 100 cN)						
R562103-200	FS1 (to 200 cN)						
R563103	FS1-422 (to 100 cN)						
R563103-200	FS1-422 (to 200 cN)						
R569203	MAZD						
R569303	MBZD						


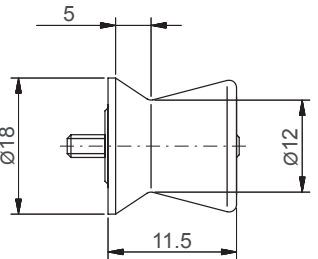

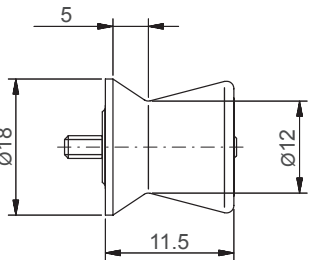

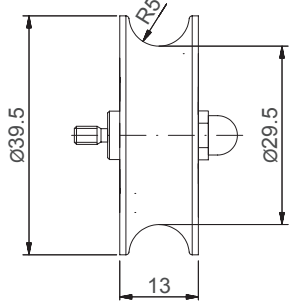
Subject to change without notice.

Roller Sets

Order-No.	Models	Description	Image	Dimensions
R521219 R515019 R524019 R524019-30 R515219 R581019 R557019 R558019 R592019 R592119 R560019 R562119 R562119-200 R563119 R563119-200	ZD2 DX2 DN1 (to 20K) DN1 (30K/50K) DX2S ZED DTMB DTMX DTS DTX TS1 FS1 (to 100 cN) FS1 (from 200 cN) FS1-422 (to 100 cN) FS1-422 (from 200 cN)	Code CE2 Aluminium ceramic-coated Line speed 1000 m/min Applicable for fibres, yarn		
R515001 R524001 R524001-30 R515201 R557001 R558001 R592001 R592101 R560001 R562101 R562101-200 R569101 R569101-200	DX2 DN1 (to 20K) DN1 (30K/50K) DX2S DTMB DTMX DTS DTX TS1 FS1 (to 100 cN) FS1 (from 200 cN) FS1-422 (to 100 cN) FS1-422 (ab 200 cN)	Code B Tempered steel Line speed 1000 m/min Applicable for tyre cord, sawing wire, carbon steel wire		
R521215 R515015 R524015 R524015-30 R515215 R557015 R558015 R592015 R592115 R560015 R562115 R562115-200 R563115 R563115-200	ZD2 DX2 DN1 (to 20K) DN1 (30K/50K) DX2S DTMB DTMX DTS DTX TS1 FS1 (to 100 N) FS1 (from 200 N) FS1-422 (to 100 N) FS1-422 (from 200 N)	Code ST Hardened steel Line speed 1000 m/min Applicable for steel wire, sawing wire		


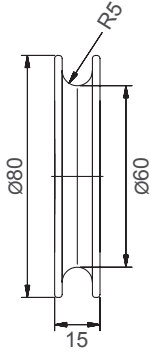

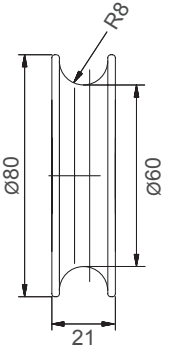

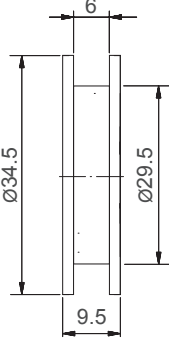

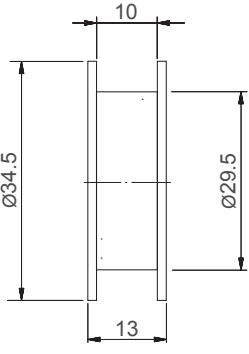
Subject to change without notice.

Roller Sets

Order-No.	Models	Description	Image	Dimensions
R515002 R524002 R524002-30 R524402 R515202 R557002 R558002 R592002 R592102 R560002 R562102 R563102	DX2 DN1 (to 20K) DN1 (30K/50K) DNW DX2S DTMB DTMX DTS DTX TS1 FS1 FS1-422	Code ASY Hard-coated aluminium Line speed 1000 m/min Applicable for fibre bundel		
R515023 R524023 R524023-30 R515223 R557023 R558023 R592023 R592123 R560023 R562123 R563123	DX2 DN1 (to 20K) DN1 (30K/50K) DX2S DTMB DTMX DTS DTX TS1 FS1 FS1-422	Code ASYB Tempered steel Line speed 1000 m/min Applicable for fibre bundel		
R516035 R557535 R558535 R592835 R592935 R561035 R562335 R563335	DXL DTLB DTLX DTSL DTXL TSH FSH FSH-422	Code R1 Hard chrome-plated steel Line speed 4000 m/min Applicable for buffer tubes, cables		


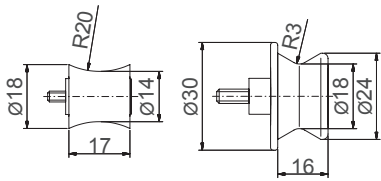
Subject to change without notice.

Roller Sets

Order-No.	Models	Description	Image	Dimensions
R561143 R562743 R563743	TSW FSW FSW-422	Code R2 Hard-coated aluminium Line speed 2000 m/min Applicable for wire, ropes cables		
R561144 R562744 R563744	TSW FSW FSW-422	Code R3 Hard-coated aluminium Line speed 2000 m/min Applicable for wire, ropes cables		
R592840 R592940 R561040 R562340 R563340	DTSL DTXL TSH FSH FSH-422	Code B6 Hardende steel Line speed 2000 m/min Applicable for flat material		
R592841 R592941 R561041 R562341 R563341	DTSL DTXL TSH FSH FSH-422	Code B10 Hardende steel Line speed 2000 m/min Applicable for flat material		

Subject to change without notice.

Single Rolls

Order-No.	Models	Description	Image	Dimensions
R12900 (center) R12902 (outer)	DN1 (20K to 50K) DTS-60K-V1 DTX-60K-V1	Code V1 Hard-coated aluminium Line speed 1000 m/min Applicable for wire ropes		

Subject to change without notice.